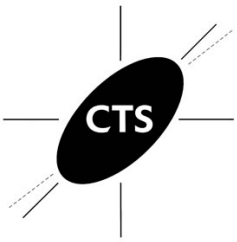

Collaborative Testing Services, Inc.

Plastics Interlaboratory Testing Program

Web Summary Report #64, 4th Qtr 2007

Analysis	Analysis Name
704	Tensile Stress at Yield, Plastic Samples
705	Tensile Stress at Break, Plastic Samples
706	Percent Elongation at Yield, Plastic Samples
708	Modulus of Elasticity, Plastic Samples
730	Tensile Stress at Yield, ISO Plastic Samples
731	Tensile Stress at Break, ISO Plastic Samples
732	Percent Strain at Yield, ISO Plastic Samples
734	Modulus of Elasticity, ISO Plastic Samples
720	Flexural Modulus
721	Flexural Stress at 5% Strain
722	Flexural Stress at Yield
736	Flexural Modulus, ISO Plastic Samples
737	Flexural Stress at 3.5% Strain
738	Flexural Stress at Yield
790	Notched Izod Impact
792	Notched Charpy Impact, ISO Plastic Samples
710	Deflection Temp. Under Flexural Load (1.82 MPa)
711	Deflection Temp. Under Flexural Load (0.455 MPa)
712	Temp. of Deflection Under Flexural Load 1.80 MPa
715	Vicat Softening Temperature (Rate A)
716	Vicat Softening Temperature (Rate B)
750	Flow Rates of Thermoplastics (2.16 kg load)

Analysis	Analysis Name
718	Specific Gravity
757	Ash Content in Thermoplastics
770	Tensile Stress at Yield, Film Samples
771	Tensile Stress at Break, Film Samples
772	Percent Elongation at Yield, Film Samples
773	Percent Elongation at Break, Film Samples
774	Thickness of Film Tensile Samples
775	Secant Modulus at 1% Strain
776	Secant Modulus at 2% Strain
780	Coefficient of Friction: Static
781	Coefficient of Friction: Kinetic
782	Tear Resistance of Films
785	Optical Properties of Films - Percent Haze
786	Optical Properties of Films: % Transmittance

About CTS and the Plastics Interlaboratory Program

Founded in 1971, Collaborative Testing Services, Inc. (CTS) is a privately-owned company that specializes in interlaboratory tests for a wide variety of industries, including rubber, plastics, fasteners and metals, containerboard, paper, color and wine, as well as proficiency tests for forensic laboratories. All of the tests are designed to assist organizations in achieving and maintaining quality control objectives. Labs from the U.S., as well as more than 50 countries currently participate in CTS programs.

Collaborative Testing Services initiated the Collaborative Reference Program for PLASTICS in 1992 at the request of industry, ASTM committee D-20 members, and accrediting bodies. Additional test methods are always under review and are incorporated into the program when possible.

The program allows laboratories to compare periodically the level and uniformity of their testing with that of other participating laboratories. It also provides a realistic assessment of the state of plastics testing proficiency.

For each test there is a summary of the statistics for the analysis and a graphical representation of the data. Also shown are notes concerning specific laboratory results, as well as significant findings related to instrument types or other testing variations. Refer to the KEY FOR SUMMARY REPORT for an explanation of terms and guidelines for interpreting the results.

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Key for Web Summary Report (Page 1 of 2)

WebCode — Assigned laboratory identification number (temporary) used to ensure lab confidentiality while permitting a lab to locate its data in the Plastics Web Summary Report published on the CTS web site. The WebCode for each analysis can be found in the Performance Analysis Report mailed to each participant.

Lab Mean — The average of the test results obtained by the participant.

Grand Mean — The average of the LAB MEANS for all included participants. Laboratories flagged with an X or an M (see DATA FLAG column) are excluded from the GRAND MEAN.

Difference from Grand Mean — The difference of the LAB MEAN from the GRAND MEAN.

Between-Lab Standard Deviation — An indication of the precision of measurement between the laboratories. The greater the spread of the LAB MEANS about the GRAND MEAN, the larger the BETWEEN-LAB STANDARD DEVIATION (and vice versa).

Comparative Performance Value — An indication of how well a laboratory's results agree with the other participants. The CPV is a ratio indicating the number of standard deviations from the GRAND MEAN. The closer a laboratory's COMPARATIVE PERFORMANCE VALUE is to zero, the more consistent its results are with the other participants' data (and vice versa). The critical value for each CPV will vary depending on the number of labs participating in a test.

Inst Code — A code indicating the manufacturer of the instrument used to perform the test (see separate INSTRUMENT CODE LIST for each test section) if instruments are tracked.

Data Flag — DATA FLAGS are assigned based on the simultaneous analysis of both samples tested. Refer to the following chart for an explanation of each symbol:

DATA FLAG	STATISTICALLY INCLUDED/EXCLUDED	ACTION REQUIRED
*	INCLUDED	**CAUTION** - review testing procedure and monitor future results. Results fall outside 95% ellipse but within a 99% ellipse that is calculated but not drawn.
X	EXCLUDED	**STOP** - immediate review of data and/or testing procedure is required. Results fall outside the 99% ellipse. See specific notes following each table for more information on why the data is excluded.
M	EXCLUDED	**PROCEED** - lab was unable to report data for at least one sample.

Key for Web Summary Report (Page 2 of 2)

Graph - For each laboratory, the LAB MEAN for the first sample (x-axis) is plotted against the LAB MEAN for the second sample (y-axis) with each point representing a laboratory. The horizontal and vertical cross-hairs are the GRAND MEANS for each sample. When 20 or more laboratories are in the statistics, an ellipse is also drawn so that 95% of the time a randomly selected laboratory will be included inside the ellipse. Plotted data flags are explained above.

Common Problems Highlighted in Footnotes

1. ***Extreme data*** - The laboratory's results for one or both samples are so inconsistent with those of the other participants that the lab mean(s) fall outside the plot. The participant is advised to immediately review his data and/or testing procedure.

2. ***Systematic bias*** - The laboratory's results are either consistently high or low for both samples when compared to the other participants (the plotted point falls near the top or bottom of the ellipse). This indicates that the participant is performing the test with a constant bias. Causes of systematic errors include improper calibration, the particular make/model of equipment or a modification to the testing procedure.

3. ***Inconsistency in testing between samples/sample sets*** - The laboratory's results indicate that there are differences in the way the two samples tested (the plotted point falls to the side of the ellipse). This type of error may be attributed to the analyst deviating from the procedure when testing one of the samples or a material interaction occurrence with the instrument or room conditions. The inconsistency is reflected in the CPVs for the two samples, such as a +1.5 CPV for sample A and a -2.2 CPV for sample B. CTS also will specify if the laboratory's data for one sample are high/low compared to the other participants. If this inconsistency is slight, the lab's plotted point will be an * that falls on the edge of the ellipse.

4. ***Inconsistency in testing within a sample*** - The laboratory's within-lab standard deviation for a specified sample is high when compared to the other participants, often causing the lab's plotted point to fall outside of the ellipse.

Labs flagged with an * are not typically included in the footnotes of a data table. These labs may locate their position in the control ellipse and use the definitions above to help identify the type of testing error. An * should serve as a caution flag, a "yellow light", to a lab. If this error is repeated in future rounds, a lab may need to stop and review its testing procedures. The initial data flag is not cause for alarm. Interlaboratory tests conducted at regular intervals permit a lab to recognize trends in testing.

Results Summary for Web Summary Report #64

Plastics Interlaboratory Testing Program

Analysis 704 - Tensile Stress at Yield				
Material: ABS	Sample F65	7,055.33	psi	2.17% COV
	Sample F66	7,052.72	psi	2.10% COV
Analysis 705 - Tensile Stress at Break				
Material: ABS	Sample F65	5,146.00	psi	5.15% COV
	Sample F66	5,120.29	psi	4.65% COV
Analysis 706 - Percent Elongation at Yield				
Material: ABS	Sample F65	2.7283	Percent	2.94% COV
	Sample F66	2.7299	Percent	2.91% COV
Analysis 708 - Modulus of Elasticity				
Material: ABS	Sample F65	344.01	ksi	5.28% COV
	Sample F66	344.75	ksi	5.43% COV
Analysis 730 - Tensile Stress at Yield, ISO Method				
Material: ABS	Sample C65	49.485	MPa	1.68% COV
	Sample C66	48.305	MPa	1.66% COV
Analysis 731 - Tensile Stress at Break, ISO Method				
Material: ABS	Sample C65	35.604	MPa	6.23% COV
	Sample C66	35.111	MPa	5.43% COV
Analysis 732 - Strain at Yield, ISO Method				
Material: ABS	Sample C65	2.5818	Percent	3.54% COV
	Sample C66	2.7188	Percent	3.58% COV
Analysis 734 - Modulus of Elasticity, ISO Method				
Material: ABS	Sample C65	2,461.11	MPa	3.89% COV
	Sample C66	2,380.17	MPa	4.43% COV
Analysis 720 - Flexural Modulus				
Material: ABS/PC	Sample J65	423.02	ksi	5.45% COV
	Sample J66	413.21	ksi	5.41% COV
Analysis 721 - Flexural Stress at 5% Strain				
Material: ABS/PC	Sample J65	14,375.12	psi	3.36% COV
	Sample J66	14,783.48	psi	3.53% COV
Analysis 722 - Flexural Stress at Yield				
Material: ABS/PC	Sample J65	14,249.59	psi	3.34% COV
	Sample J66	14,727.68	psi	3.61% COV
Analysis 736 - Flexural Modulus				
Material: ABS	Sample K65	2,476.60	MPa	3.00% COV
	Sample K66	2,388.66	MPa	2.84% COV
Analysis 737 - Flexural Stress at 3.5% Strain				
Material: ABS	Sample K65	74.556	MPa	2.17% COV
	Sample K66	71.542	MPa	2.23% COV

Results Summary for Web Summary Report #64

Plastics Interlaboratory Testing Program

Analysis 738 - Flexural Stress at Yield				
Material: ABS	Sample K65	75.184	MPa	2.77% COV
	Sample K66	72.788	MPa	2.71% COV
Analysis 790 - Notched Izod Impact				
Material: HIPS	Sample S65	3.8701	ft.lbf/in	8.29% COV
	Sample S66	4.6014	ft.lbf/in	9.82% COV
Analysis 792 - Notched Charpy Impact				
Material: ABS	Sample M65	21.418	kJ/m^2	7.49% COV
	Sample M66	30.612	kJ/m^2	6.67% COV
Analysis 710 - Deflection Temp. Under Flexural Load (1.82 MPa)				
Material: ABS/PC	Sample E65	77.267	Degrees C	1.48% COV
	Sample E66	89.065	Degrees C	1.35% COV
Analysis 711 - Deflection Temp. Under Flexural Load (0.455 MPa)				
Material: PP	Sample G65	85.871	Degrees C	2.46% COV
	Sample G66	115.30	Degrees C	2.37% COV
Analysis 712 - Temperature of Deflection (1.80 MPa)				
Material: ABS	Sample N65	80.971	Degrees C	1.73% COV
	Sample N66	81.062	Degrees C	1.69% COV
Analysis 715 - Vicat Temperature (Rate A)				
Material: HIPS	Sample H65	100.45	Degrees C	0.791% COV
	Sample H66	100.40	Degrees C	0.858% COV
Analysis 716 - Vicat Temperature (Rate B)				
Material: HIPS	Sample R65	102.81	Degrees C	1.06% COV
	Sample R66	102.68	Degrees C	1.01% COV
Analysis 750 - Flow Rate (190C or 230C/2.16 kg)				
Material: PP	Sample X65	11.931	grams/10 mins	5.18% COV
	Sample X66	13.471	grams/10 mins	3.85% COV
Analysis 718 - Specific Gravity				
Material: ABS	Sample T65	1.0452	sp gr 23/23 C	0.166% COV
	Sample T66	1.0435	sp gr 23/23 C	0.170% COV
Analysis 757 - Ash Content				
Material: PP	Sample L65	39.795	Percent	0.355% COV
	Sample L66	31.428	Percent	0.756% COV
Analysis 770 - Tensile Stress at Yield, Films				
Material: LDPE	Sample B65	1,984.24	psi	14.8% COV
	Sample B66	2,053.96	psi	15.3% COV
Analysis 771 - Tensile Stress at Break, Films				
Material: LDPE	Sample B65	3,514.30	psi	17.4% COV
	Sample B66	3,592.67	psi	14.8% COV

Results Summary for Web Summary Report #64

Plastics Interlaboratory Testing Program

Analysis 772 - Elongation at Yield, Films				
Material: LDPE	Sample B65	69.319	Percent	63.0% COV
	Sample B66	70.476	Percent	63.9% COV
Analysis 773 - Elongation at Break, Films				
Material: LDPE	Sample B65	714.08	Percent	16.8% COV
	Sample B66	700.64	Percent	18.0% COV
Analysis 774 - Thickness of Film Specimens				
Material: LDPE	Sample B65	2.9184	mils	3.02% COV
	Sample B66	2.8771	mils	2.51% COV
Analysis 775 - Secant Modulus at 1% Strain				
Material: LDPE	Sample B65	31,624.75	psi	20.1% COV
	Sample B66	31,165.34	psi	20.2% COV
Analysis 776 - Secant Modulus at 2% Strain				
Material: LDPE	Sample B65	27,285.62	psi	20.7% COV
	Sample B66	27,227.47	psi	20.5% COV
Analysis 780 - Static Friction				
Material: LDPE	Sample P65	0.18302	COF	30.5% COV
	Sample P66	0.18118	COF	22.9% COV
Analysis 781 - Kinetic Friction				
Material: LDPE	Sample P65	0.12411	COF	37.8% COV
	Sample P66	0.12549	COF	36.0% COV
Analysis 782 - Tear Resistance of Film				
Material: LDPE	Sample Q65	171.19	grams-force	24.6% COV
	Sample Q66	158.72	grams-force	22.0% COV
Analysis 785 - Percent Haze				
Material: LDPE	Sample D65	19.246	Percent	6.60% COV
	Sample D66	17.897	Percent	8.31% COV
Analysis 786 - Total Transmittance				
Material: LDPE	Sample D65	93.055	Percent	1.23% COV
	Sample D66	93.051	Percent	1.13% COV

Plastics Interlaboratory Testing Program

Analysis 704

Tensile Stress at Yield - psi

WebCode	Data Flag	Sample F65 Lab Mean	Sample F65 Diff from Grand Mean	Sample F65 CPV	Sample F66 Lab Mean	Sample F66 Diff from Grand Mean	Sample F66 CPV
29SDMG		7,063.8	8.5	0.06	7,098.2	45.5	0.31
2B4BR5		7,068.6	13.3	0.09	7,152.4	99.7	0.67
2N5RW2		7,002.0	-53.3	-0.35	6,967.4	-85.3	-0.58
3MN26U		7,100.2	44.9	0.29	7,064.8	12.1	0.08
49ELX4		7,271.2	215.9	1.41	7,315.4	262.7	1.77
49ENFG		6,892.4	-162.9	-1.07	6,921.6	-131.1	-0.89
4FGM5L	X	7,224.6	169.3	1.11	7,021.2	-31.5	-0.21
4RYCW4		6,963.4	-91.9	-0.60	6,964.8	-87.9	-0.59
4SVXGH	*	7,421.4	366.0	2.40	7,456.2	403.4	2.72
5PLRHG		7,182.8	127.5	0.83	7,261.2	208.5	1.41
6F7DNQ		7,292.6	237.2	1.55	7,193.9	141.2	0.95
6NBG6F		7,171.4	116.1	0.76	7,100.0	47.3	0.32
6U7WJW		7,152.0	96.7	0.63	7,167.2	114.5	0.77
7DHZ58		7,236.6	181.3	1.19	7,171.4	118.7	0.80
7G4CR2	X	4,951.4	-2,103.9	-13.77	4,583.0	-2,469.7	-16.67
7T2NPW		7,115.6	60.3	0.39	7,080.8	28.1	0.19
8NTJDN		6,954.4	-100.9	-0.66	6,931.8	-120.9	-0.82
8RTSHY		6,939.4	-115.9	-0.76	6,953.3	-99.4	-0.67
AB8F3M		7,206.8	151.5	0.99	7,179.2	126.5	0.85
AE9EMS		6,817.4	-237.9	-1.56	6,815.0	-237.7	-1.60
AH73T2		6,997.0	-58.3	-0.38	7,022.2	-30.5	-0.21
AUXB54		7,234.2	178.9	1.17	7,218.8	166.1	1.12
B2H9NU		7,125.2	69.9	0.46	7,130.6	77.9	0.53
BUGXSX		6,921.8	-133.5	-0.87	6,966.6	-86.1	-0.58
C5TPP6	*	6,813.4	-241.9	-1.58	6,733.2	-319.5	-2.16
CP8UE4		7,126.4	71.1	0.47	7,079.2	26.5	0.18
CVAMP6		7,045.8	-9.5	-0.06	6,986.0	-66.7	-0.45
DS429B		6,977.8	-77.5	-0.51	7,026.8	-25.9	-0.17
DZRJ2F		7,028.0	-27.3	-0.18	7,026.0	-26.7	-0.18
EKQYP4		6,939.0	-116.4	-0.76	6,912.8	-139.9	-0.94
GF91VY	*	6,735.6	-319.7	-2.09	6,825.5	-227.2	-1.53
GPVRWL		7,433.6	378.3	2.48	7,386.8	334.1	2.26

Plastics Interlaboratory Testing Program

Analysis 704

Tensile Stress at Yield - psi

WebCode	Data Flag	Sample F65 Lab Mean	Sample F65 Diff from Grand Mean	Sample F65 CPV	Sample F66 Lab Mean	Sample F66 Diff from Grand Mean	Sample F66 CPV
H9CZDS		7,161.0	105.7	0.69	7,140.4	87.7	0.59
HFRYMJ		7,133.4	78.1	0.51	7,112.9	60.2	0.41
HQ2D5J		7,003.4	-52.0	-0.34	7,039.6	-13.1	-0.09
HW32BQ		6,689.6	-365.7	-2.39	6,681.6	-371.1	-2.51
HYDRVE		7,220.0	164.7	1.08	7,210.0	157.3	1.06
JB84DQ		7,095.3	40.0	0.26	7,041.6	-11.1	-0.07
JJL4P2		7,183.8	128.4	0.84	7,175.7	122.9	0.83
JS358G		6,947.2	-108.1	-0.71	6,927.8	-124.9	-0.84
LS8MBZ		7,123.2	67.9	0.44	7,127.2	74.5	0.50
M7Q4R9		7,007.4	-47.9	-0.31	7,006.6	-46.1	-0.31
MMGX7F		7,264.0	208.7	1.37	7,236.0	183.3	1.24
MNUA5A		7,071.2	15.9	0.10	7,088.3	35.6	0.24
MRWA73		6,961.9	-93.5	-0.61	6,961.9	-90.8	-0.61
N5YN76		7,228.8	173.5	1.14	7,222.6	169.9	1.15
NW2VXR		7,126.3	71.0	0.46	7,164.0	111.2	0.75
PJN8UJ		7,278.2	222.9	1.46	7,258.6	205.9	1.39
PVP482	*	6,633.5	-421.9	-2.76	6,604.9	-447.8	-3.02
QXB3CB		7,012.9	-42.4	-0.28	7,064.6	11.8	0.08
QYL8CT		7,005.7	-49.6	-0.32	7,001.8	-50.9	-0.34
R8Z4VH		7,023.6	-31.7	-0.21	7,092.4	39.7	0.27
RG217U	X	5,955.3	-1,100.0	-7.20	6,004.6	-1,048.1	-7.07
SALJQ6		7,039.0	-16.3	-0.11	7,013.2	-39.5	-0.27
TTNLFA		7,099.9	44.6	0.29	7,081.4	28.7	0.19
U9NEL2		7,073.6	18.2	0.12	7,021.9	-30.8	-0.21
UGLZUP		7,044.4	-10.9	-0.07	7,035.2	-17.5	-0.12
UL2YYR	X	6,785.8	-269.5	-1.76	6,673.7	-379.0	-2.56
V3KPU9		6,876.0	-179.3	-1.17	6,882.0	-170.7	-1.15
V4B6XQ		7,057.6	2.3	0.01	7,057.6	4.9	0.03
VLZYXV		7,162.6	107.3	0.70	7,182.4	129.7	0.88
VWGA21		6,950.4	-104.9	-0.69	6,981.6	-71.1	-0.48
Y2EHXY	*	6,781.0	-274.3	-1.80	6,877.4	-175.3	-1.18
YCW2GU		7,115.2	59.9	0.39	7,069.0	16.3	0.11

Plastics Interlaboratory Testing Program

Analysis 704

Tensile Stress at Yield - psi

WebCode	Data Flag	Sample F65 Lab Mean	Sample F65 Diff from Grand Mean	Sample F65 CPV	Sample F66 Lab Mean	Sample F66 Diff from Grand Mean	Sample F66 CPV
YQ72H2	X	7,262.6	207.3	1.36	7,004.4	-48.3	-0.33
YW334V		7,073.6	18.3	0.12	7,016.6	-36.1	-0.24
Z3QKJW		6,980.8	-74.5	-0.49	7,034.2	-18.5	-0.13
Z4GKJT		6,976.4	-78.9	-0.52	6,990.6	-62.1	-0.42
Z9A73N		7,008.3	-47.0	-0.31	6,987.1	-65.6	-0.44
ZHYYFF		7,142.8	87.5	0.57	7,140.4	87.7	0.59
ZKR3ZE		6,898.1	-157.3	-1.03	6,918.4	-134.4	-0.91
ZVT96Z		7,034.0	-21.3	-0.14	7,046.0	-6.7	-0.05
ZXMTFD		7,048.9	-6.4	-0.04	6,982.2	-70.5	-0.48

Summary Statistics

Grand Means

7,055.33 psi — 7,052.72 psi

Stnd Dev Btwn Labs

152.82 psi — 148.15 psi

Statistics based on 68 of 73 reporting participants

Sample F65: ABS **& Sample F66:** ABS

Comments on assigned Data Flags for Test #704

4FGM5L (X) - Inconsistent in testing between samples.

7G4CR2 (X) - Low data for all samples. Also inconsistent in testing within both samples.

RG217U (X) - Low data for all samples. Also inconsistent in testing within both samples.

UL2YYR (X) - Inconsistent in testing between samples.

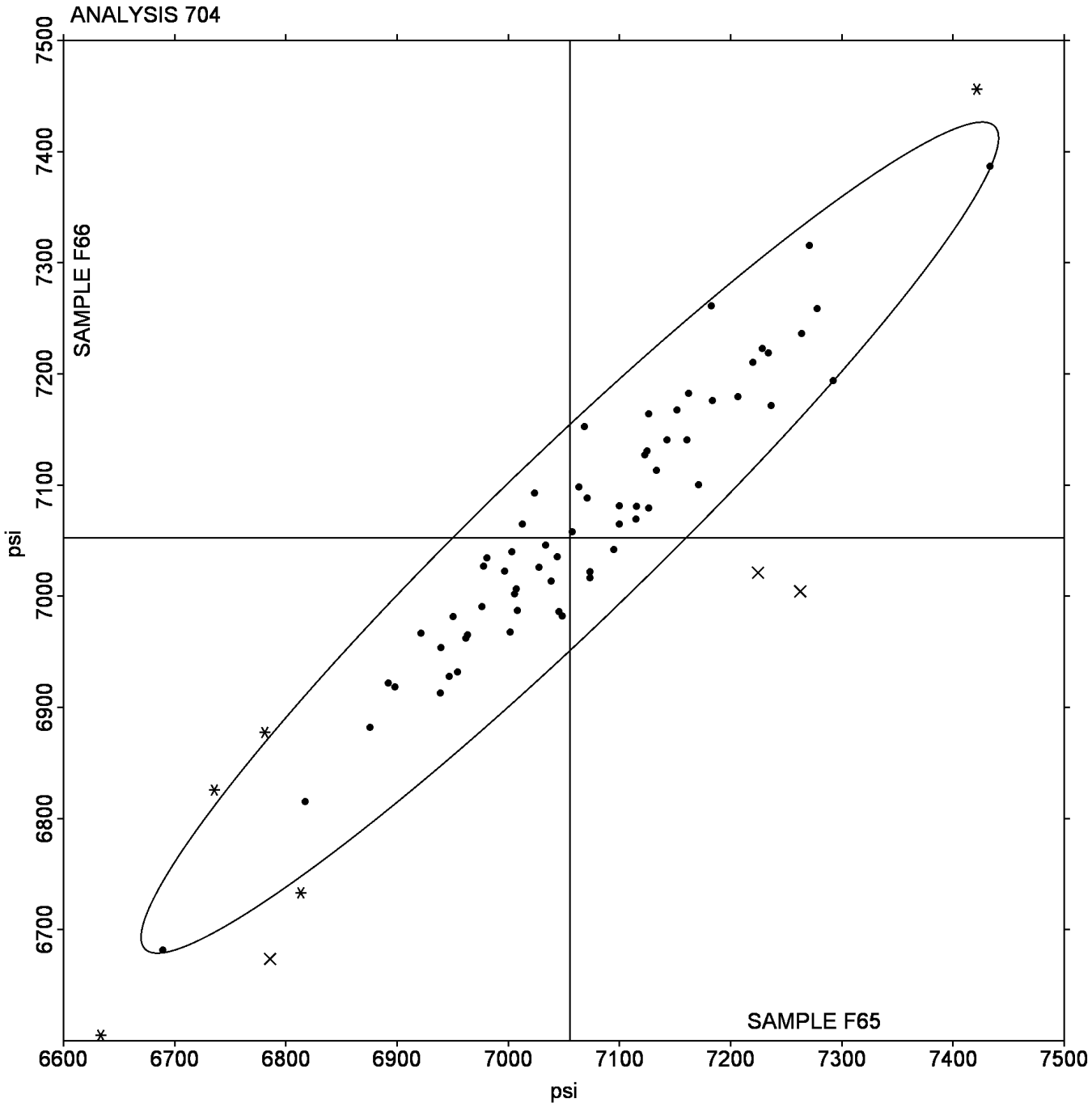
YQ72H2 (X) - Inconsistent in testing between samples.

Plastics Interlaboratory Testing Program

Analysis 704

Tensile Stress at Yield - psi

Grand Mean Sample F65: 7,055.33 psi **Grand Mean Sample F66:** 7,052.72 psi



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 705

Tensile Stress at Break - psi

WebCode	Data Flag	Sample F65 Lab Mean	Sample F65 Diff from Grand Mean	Sample F65 CPV	Sample F66 Lab Mean	Sample F66 Diff from Grand Mean	Sample F66 CPV
1CLHKW		5,363.5	217.5	0.82	5,450.6	330.3	1.39
393M3V		5,318.6	172.6	0.65	5,277.6	157.3	0.66
3N8XE5		4,714.9	-431.1	-1.63	5,029.5	-90.8	-0.38
3REPTH		5,193.0	47.0	0.18	5,477.2	356.9	1.50
3SDD9D		4,940.0	-206.0	-0.78	5,021.3	-99.0	-0.42
47V3XE		5,410.0	264.0	1.00	5,285.2	164.9	0.69
4DCZKU		5,141.8	-4.2	-0.02	4,982.0	-138.3	-0.58
4NZ214	X	6,963.4	1,817.4	6.86	6,964.8	1,844.5	7.75
5H1Q24		5,260.3	114.3	0.43	5,206.9	86.6	0.36
6HUAB2		5,441.4	295.4	1.11	5,477.8	357.5	1.50
6UTV5E	X	6,974.2	1,828.2	6.90	6,987.2	1,866.9	7.85
7PJWB2		4,901.0	-245.0	-0.92	4,890.6	-229.7	-0.97
8FAP86		5,181.6	35.6	0.13	5,060.2	-60.1	-0.25
8LJ7HK		5,044.0	-102.0	-0.38	4,726.0	-394.3	-1.66
9H26B5		4,920.8	-225.2	-0.85	4,973.6	-146.7	-0.62
9J3VZ1		5,245.0	99.0	0.37	5,178.2	57.9	0.24
AE8NCB	X	7,020.0	1,874.0	7.07	7,044.0	1,923.7	8.08
AGM41R		5,083.6	-62.4	-0.24	5,091.3	-29.0	-0.12
AWGFSF		4,836.2	-309.8	-1.17	4,954.9	-165.4	-0.70
BAFAL6		4,868.8	-277.2	-1.05	4,889.4	-230.9	-0.97
BARRBU		4,640.0	-506.0	-1.91	4,900.0	-220.3	-0.93
BC7RZ4		4,904.4	-241.6	-0.91	4,862.2	-258.1	-1.08
BD2EGD		5,163.4	17.4	0.07	5,105.4	-14.9	-0.06
CBZ83B		5,214.4	68.4	0.26	5,206.6	86.3	0.36
CFZ8K8		5,576.5	430.5	1.62	5,620.3	500.0	2.10
CX7ZMJ		5,187.5	41.5	0.16	5,004.1	-116.2	-0.49
D3FZG8		5,255.2	109.2	0.41	5,513.8	393.5	1.65
D4TGS1		5,154.6	8.6	0.03	5,312.2	191.9	0.81
D5QKPN		5,391.4	245.4	0.93	5,553.0	432.7	1.82
DK7CCU		5,467.0	321.0	1.21	5,381.0	260.7	1.10
E12CLS		5,023.0	-123.0	-0.46	5,070.6	-49.7	-0.21
E41665		4,743.6	-402.4	-1.52	4,875.4	-244.9	-1.03

Plastics Interlaboratory Testing Program

Analysis 705

Tensile Stress at Break - psi

WebCode	Data Flag	Sample F65 Lab Mean	Sample F65 Diff from Grand Mean	Sample F65 CPV	Sample F66 Lab Mean	Sample F66 Diff from Grand Mean	Sample F66 CPV
EU4P17		5,559.1	413.1	1.56	5,438.1	317.8	1.34
G82V7V		5,087.7	-58.3	-0.22	5,163.7	43.4	0.18
H5T2V3		4,821.1	-324.9	-1.23	4,876.2	-244.1	-1.03
HDJUX2		4,879.9	-266.1	-1.00	4,724.1	-396.2	-1.67
HHK9Q4		5,398.8	252.8	0.95	5,351.8	231.5	0.97
HKSEDR		4,991.0	-155.0	-0.58	4,846.4	-273.9	-1.15
HPNLXH		5,042.0	-104.0	-0.39	4,938.0	-182.3	-0.77
HVRL6Y		4,969.8	-176.2	-0.66	4,854.3	-266.0	-1.12
HX3NH4		5,009.6	-136.4	-0.51	5,044.5	-75.8	-0.32
J8P8SK		5,018.3	-127.7	-0.48	5,033.4	-86.9	-0.37
JQ13ML		5,180.8	34.8	0.13	5,000.8	-119.5	-0.50
JXX51D		4,865.4	-280.6	-1.06	4,807.6	-312.7	-1.31
JY7YF4		5,576.0	430.0	1.62	5,407.2	286.9	1.21
KECJP7		5,194.0	48.0	0.18	5,080.0	-40.3	-0.17
M3QSV9		5,032.2	-113.8	-0.43	5,007.6	-112.7	-0.47
M4U5XX		5,107.8	-38.2	-0.14	5,069.6	-50.7	-0.21
MQJPNT		5,061.9	-84.1	-0.32	5,096.7	-23.6	-0.10
NZ5PVV	*	5,784.6	638.6	2.41	5,356.8	236.5	0.99
QNQDKA		5,717.2	571.2	2.15	5,672.2	551.9	2.32
QQ1331		4,889.2	-256.8	-0.97	4,918.2	-202.1	-0.85
QWGACY		5,420.4	274.4	1.04	5,416.6	296.3	1.25
RSZE1U		5,170.5	24.5	0.09	5,200.7	80.4	0.34
SWQ8ML		5,218.5	72.5	0.27	5,349.0	228.7	0.96
TD6TS4		5,177.0	31.0	0.12	5,015.4	-104.8	-0.44
THW11B		4,610.9	-535.1	-2.02	4,722.9	-397.4	-1.67
UKSDFM	*	5,802.4	656.4	2.48	5,462.8	342.5	1.44
UUHHN9		5,259.1	113.1	0.43	5,030.0	-90.3	-0.38
VNAEC2		5,289.4	143.4	0.54	5,221.0	100.7	0.42
VQ2UPB		4,917.8	-228.2	-0.86	5,055.4	-64.9	-0.27
VZN1FN	X	6,820.8	1,674.8	6.32	6,740.4	1,620.1	6.81
W6ALGD		4,789.0	-357.0	-1.35	4,816.0	-304.3	-1.28
YVS1HW		5,142.8	-3.2	-0.01	5,052.6	-67.7	-0.28

Plastics Interlaboratory Testing Program

Analysis 705

Tensile Stress at Break - psi

WebCode	Data Flag	Sample F65 Lab Mean	Sample F65 Diff from Grand Mean	Sample F65 CPV	Sample F66 Lab Mean	Sample F66 Diff from Grand Mean	Sample F66 CPV
YVY725	X	7,006.0	1,860.0	7.02	6,908.0	1,787.7	7.51
YWXS53		5,181.4	35.4	0.13	5,148.4	28.1	0.12
ZGWZW1	*	5,301.2	155.2	0.59	4,903.4	-216.9	-0.91

Summary Statistics

	Sample F65	Sample F66
Grand Means	5,146.00 psi	5,120.29 psi
Stnd Dev Btwn Labs	265.09 psi	237.94 psi

Statistics based on 62 of 67 reporting participants

Sample F65: ABS **& Sample F66:** ABS

Comments on assigned Data Flags for Test #705

4NZ214 (X) - High data for all samples. Lab may have Reported Tensile Stress at Yield.

6UTV5E (X) - High data for all samples.

AE8NCB (X) - High data for all samples. Lab may have reported Tensile Stress at Yield.

VZN1FN (X) - High data for all samples.

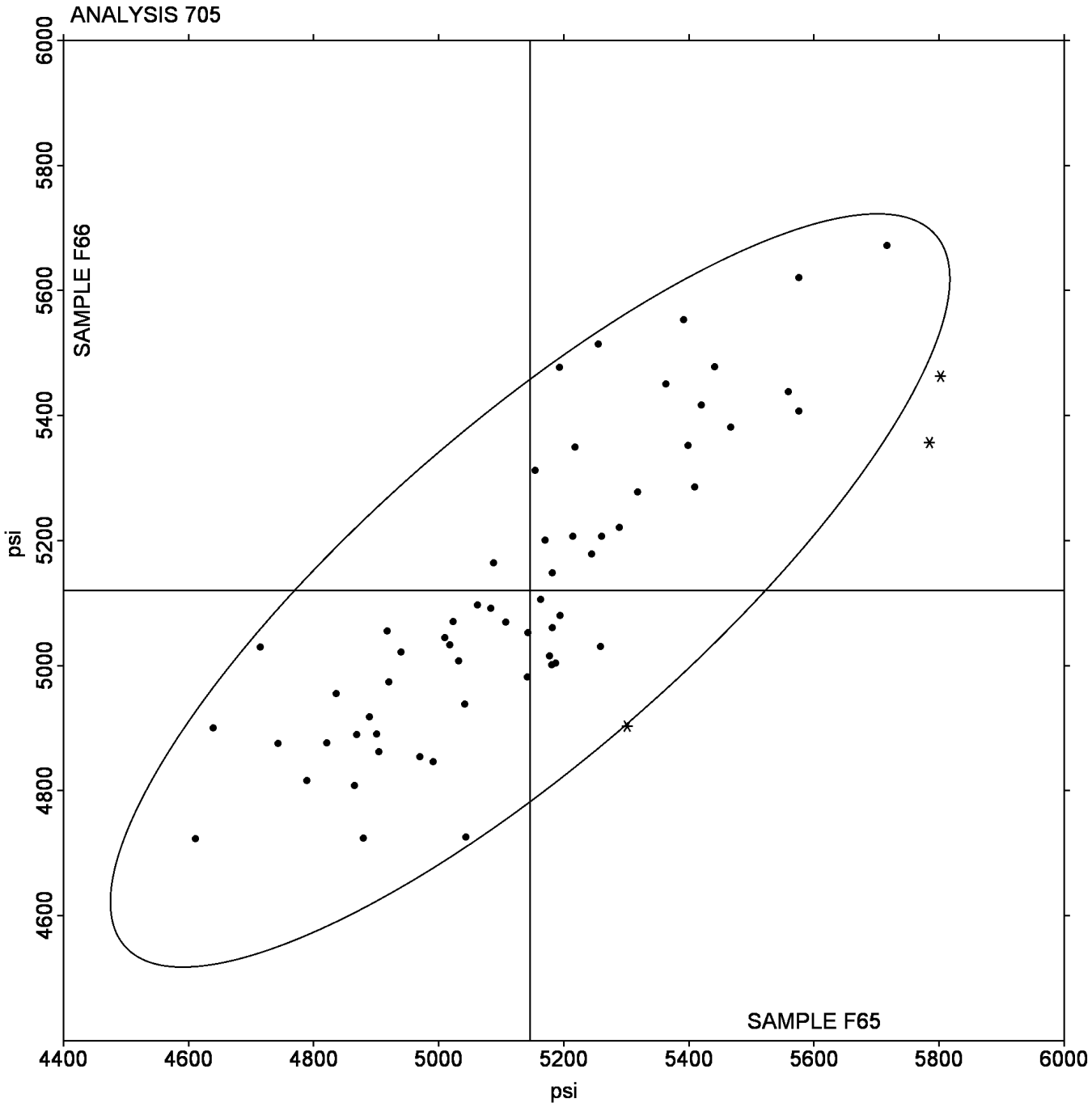
YVY725 (X) - High data for all samples. Lab may have Reported Tensile Stress at Yield.

Plastics Interlaboratory Testing Program

Analysis 705

Tensile Stress at Break - psi

Grand Mean Sample F65: 5,146.00 psi **Grand Mean Sample F66:** 5,120.29 psi



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 706

Percent Elongation at Yield - Percent

WebCode	Data Flag	Sample F65 Lab Mean	Sample F65 Diff from Grand Mean	Sample F65 CPV	Sample F66 Lab Mean	Sample F66 Diff from Grand Mean	Sample F66 CPV
14ABQE		2.818	0.090	1.12	2.828	0.098	1.24
192EYK	X	15.434	12.705	158.55	21.167	18.437	232.25
3CN7C6	X	2.348	-0.380	-4.75	2.342	-0.388	-4.89
3GL435		2.720	-0.008	-0.10	2.702	-0.028	-0.35
42SFN5		2.636	-0.092	-1.15	2.636	-0.094	-1.18
4317EF		2.680	-0.048	-0.60	2.694	-0.036	-0.45
43X4N3		2.784	0.056	0.70	2.768	0.038	0.48
4JFJCM		2.726	-0.002	-0.03	2.752	0.022	0.28
5K3H4Q	*	2.976	0.248	3.09	2.962	0.232	2.92
6E16ZA		2.796	0.068	0.85	2.808	0.078	0.98
6EVZF2		2.760	0.032	0.40	2.790	0.060	0.76
6FBHR7		2.660	-0.068	-0.85	2.672	-0.058	-0.73
8R5GHB		2.734	0.005	0.07	2.715	-0.015	-0.19
9E2UF5	X	3.748	1.020	12.73	3.688	0.958	12.07
9XSYVT		2.788	0.060	0.75	2.758	0.028	0.35
A6MBW6		2.830	0.102	1.27	2.832	0.102	1.29
AEGZP8		2.770	0.042	0.52	2.760	0.030	0.38
AZD4PP		2.676	-0.052	-0.65	2.704	-0.026	-0.33
B68N9Q	X	3.110	0.382	4.76	2.780	0.050	0.63
C1FPQT		2.760	0.032	0.40	2.740	0.010	0.13
CK4CR8	X	4.646	1.918	23.93	3.846	1.116	14.06
CWWX1K		2.700	-0.028	-0.35	2.644	-0.086	-1.08
CXWF28		2.726	-0.002	-0.03	2.730	0.000	0.00
EEWC2P	X	2.712	-0.016	-0.20	2.610	-0.120	-1.51
EW2PK6		2.612	-0.116	-1.45	2.612	-0.118	-1.49
EZELXU	X	2.924	0.196	2.44	2.684	-0.046	-0.58
FNXUKZ	X	2.662	-0.066	-0.83	2.780	0.050	0.63
G2FDX6		2.614	-0.114	-1.43	2.668	-0.062	-0.78
GTP92K		2.870	0.142	1.77	2.896	0.166	2.09
GZ5KXC		2.654	-0.074	-0.93	2.644	-0.086	-1.08
H2VF87		2.792	0.064	0.80	2.802	0.072	0.91
HSRYQ7		2.754	0.026	0.32	2.784	0.054	0.68

Plastics Interlaboratory Testing Program

Analysis 706

Percent Elongation at Yield - Percent

WebCode	Data Flag	Sample F65 Lab Mean	Sample F65 Diff from Grand Mean	Sample F65 CPV	Sample F66 Lab Mean	Sample F66 Diff from Grand Mean	Sample F66 CPV
JJGV72		2.684	-0.044	-0.55	2.694	-0.036	-0.45
K2BNSZ		2.764	0.036	0.45	2.764	0.034	0.43
KN5B6T		2.690	-0.038	-0.48	2.690	-0.040	-0.50
LAD9BK		2.764	0.036	0.45	2.758	0.028	0.35
LFWYAU	X	7.320	4.592	57.30	7.640	4.910	61.85
LTSG32	*	2.564	-0.164	-2.05	2.530	-0.200	-2.52
LU3EFJ		2.726	-0.002	-0.03	2.734	0.004	0.05
MDBNJP	X	3.048	0.320	3.99	3.026	0.296	3.73
N9SP7Y	X	9.404	6.676	83.31	8.784	6.054	76.26
NKA8PA		2.588	-0.140	-1.75	2.598	-0.132	-1.66
PL3GCK		2.654	-0.074	-0.93	2.666	-0.064	-0.80
Q18KDK		2.768	0.040	0.50	2.710	-0.020	-0.25
QLJVKU		2.704	-0.024	-0.30	2.748	0.018	0.23
R3ZLUC		2.562	-0.166	-2.08	2.590	-0.140	-1.76
SFT5H9		2.761	0.033	0.41	2.747	0.017	0.21
U3SBYH		2.750	0.022	0.27	2.720	-0.010	-0.12
U4PPJQ	X	2.700	-0.028	-0.35	2.560	-0.170	-2.14
U95NBG		2.714	-0.014	-0.18	2.774	0.044	0.56
UXMJWZ		2.728	0.000	0.00	2.772	0.042	0.53
W3BALD		2.754	0.026	0.32	2.706	-0.024	-0.30
WCA8UN		2.680	-0.048	-0.60	2.700	-0.030	-0.38
WEX2XW	X	2.860	0.132	1.64	2.740	0.010	0.13
XE2VBN		2.720	-0.008	-0.10	2.716	-0.014	-0.18
YMJ18Z		2.886	0.158	1.97	2.872	0.142	1.79
YVMRJ4		2.740	0.012	0.15	2.722	-0.008	-0.10
ZARPG8		2.720	-0.008	-0.10	2.720	-0.010	-0.12
ZGRB7M		2.744	0.016	0.20	2.744	0.014	0.18

Plastics Interlaboratory Testing Program
Analysis 706
Percent Elongation at Yield - Percent

Summary Statistics

Grand Means		
	2.7283 Percent	2.7299 Percent
Stnd Dev Btwn Labs		
	0.0801 Percent	0.0794 Percent

Statistics based on 46 of 59 reporting participants

Sample F65: ABS **& Sample F66:** ABS

Comments on assigned Data Flags for Test #706

192EYK (X) - Extreme data.

3CN7C6 (X) - Low data for all samples.

9E2UF5 (X) - High data for all samples.

B68N9Q (X) - Inconsistent in testing between samples, data for Sample F65 are high. Also inconsistent in testing within both sample sets.

CK4CR8 (X) - High data for all samples. Also inconsistent in testing within both sample sets.

EEWC2P (X) - Inconsistent in testing between samples.

EZELXU (X) - Inconsistent in testing between samples and inconsistent in testing within both samples.

FNXUKZ (X) - Inconsistent in testing between samples and inconsistent in testing within both samples.

LFWYAU (X) - High data for all samples.

MDBNJP (X) - High data for all samples.

N9SP7Y (X) - Extreme data.

U4PPJQ (X) - Inconsistent in testing between samples and inconsistent in testing within both samples.

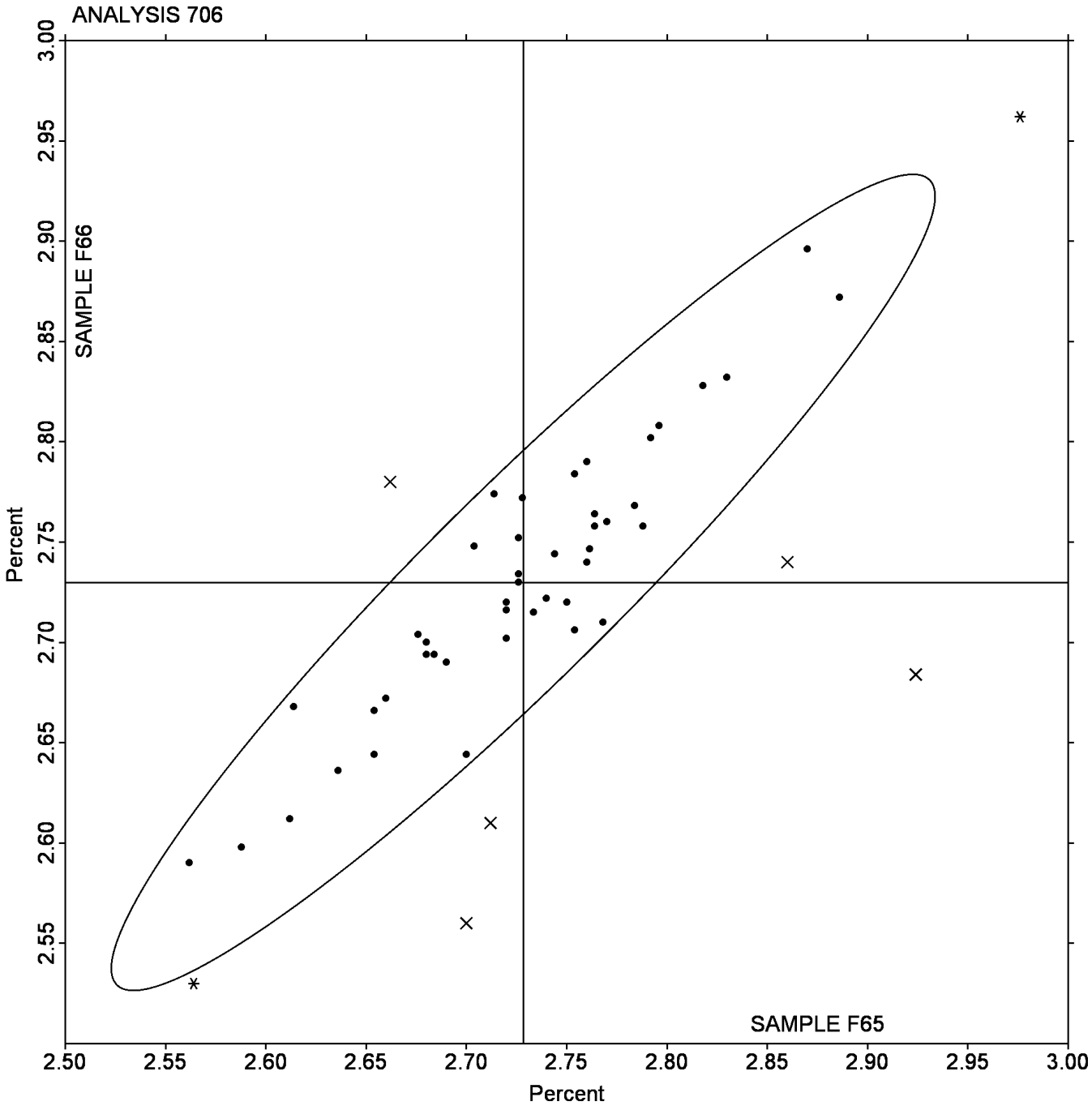
WEX2XW (X) - Inconsistent in testing between samples.

Plastics Interlaboratory Testing Program

Analysis 706

Percent Elongation at Yield - Percent

Grand Mean Sample F65: 2.7283 Percent **Grand Mean Sample F66:** 2.7299 Percent



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 708

Modulus of Elasticity - ksi

WebCode	Data Flag	Sample F65 Lab Mean	Sample F65 Diff from Grand Mean	Sample F65 CPV	Sample F66 Lab Mean	Sample F66 Diff from Grand Mean	Sample F66 CPV
1FB8W8		347.48	3.47	0.19	344.78	0.03	0.00
1HKA9S		328.60	-15.41	-0.85	346.20	1.45	0.08
1LPYR3		358.92	14.92	0.82	358.32	13.57	0.72
2ZRPNT		326.02	-17.99	-0.99	321.86	-22.89	-1.22
3FZUDJ		351.04	7.03	0.39	354.46	9.71	0.52
51GWBE		345.49	1.49	0.08	342.97	-1.78	-0.10
5LX86X		350.26	6.26	0.34	348.82	4.07	0.22
6V7C6Z		328.80	-15.21	-0.84	334.60	-10.15	-0.54
8T8C2E	*	362.60	18.59	1.02	379.00	34.25	1.83
9SHZ4Z	X	323.18	-20.83	-1.15	354.30	9.55	0.51
AT8LAW		337.56	-6.45	-0.35	342.04	-2.71	-0.14
AXJQTJ		369.26	25.25	1.39	366.74	21.99	1.17
B7PQAX	X	80.43	-263.57	-14.50	83.77	-260.98	-13.94
BDBRCV		335.44	-8.57	-0.47	332.10	-12.65	-0.68
C4B6H8	*	296.23	-47.78	-2.63	289.32	-55.43	-2.96
CRMUYP	X	251.12	-92.89	-5.11	311.00	-33.75	-1.80
DL64YG	*	360.40	16.39	0.90	381.00	36.25	1.94
E698B2		327.18	-16.83	-0.93	326.70	-18.05	-0.96
G739DG		328.03	-15.98	-0.88	329.50	-15.26	-0.82
G8DK69		328.84	-15.17	-0.83	321.89	-22.86	-1.22
GA4713		339.92	-4.09	-0.22	346.54	1.79	0.10
GFDBZH		327.60	-16.41	-0.90	329.60	-15.15	-0.81
GTDRST		359.32	15.31	0.84	363.73	18.98	1.01
JFDK81		342.63	-1.37	-0.08	349.28	4.53	0.24
JZ1QEH		354.74	10.73	0.59	354.27	9.52	0.51
KD56D6		355.21	11.20	0.62	345.93	1.17	0.06
KFS6KN	*	384.28	40.28	2.22	372.56	27.81	1.49
KXCCW1		345.82	1.81	0.10	345.20	0.45	0.02
MDTDA1	X	81.69	-262.32	-14.43	95.03	-249.72	-13.34
MPBHCD		312.52	-31.49	-1.73	315.20	-29.55	-1.58
NXJZEP		332.62	-11.39	-0.63	339.90	-4.85	-0.26
NZ58LY		333.64	-10.36	-0.57	335.91	-8.84	-0.47

Plastics Interlaboratory Testing Program

Analysis 708

Modulus of Elasticity - ksi

WebCode	Data Flag	Sample F65 Lab Mean	Sample F65 Diff from Grand Mean	Sample F65 CPV	Sample F66 Lab Mean	Sample F66 Diff from Grand Mean	Sample F66 CPV
Q3DPSL		337.90	-6.11	-0.34	352.92	8.17	0.44
Q8SCTV		356.85	12.85	0.71	354.33	9.58	0.51
QD1HNF		327.66	-16.35	-0.90	335.56	-9.19	-0.49
SH6L4N		313.66	-30.35	-1.67	308.93	-35.82	-1.91
SKDW3C		326.47	-17.53	-0.96	325.81	-18.95	-1.01
SX78W3		368.18	24.17	1.33	370.26	25.51	1.36
TJ219X		360.36	16.35	0.90	358.26	13.51	0.72
U8KHQS		376.00	31.99	1.76	374.55	29.80	1.59
UP64VQ		354.93	10.93	0.60	350.94	6.19	0.33
VRTG2U		335.30	-8.71	-0.48	333.94	-10.82	-0.58
VWDQXK		343.56	-0.45	-0.02	354.52	9.77	0.52
VZULRG		361.78	17.77	0.98	355.42	10.67	0.57
WCQTK5	X	138.49	-205.52	-11.31	139.36	-205.39	-10.97
WFRWBS		354.26	10.25	0.56	355.08	10.33	0.55
XR2R1Q		347.00	2.99	0.16	336.40	-8.35	-0.45
XZVZN2		323.96	-20.05	-1.10	323.94	-20.81	-1.11
YMZCQ5		383.55	39.54	2.18	375.61	30.86	1.65
Z1M5BD		353.98	9.97	0.55	355.87	11.12	0.59
Z9T3MA		338.03	-5.98	-0.33	340.55	-4.20	-0.22
ZEYDL9		338.30	-5.71	-0.31	336.10	-8.65	-0.46
ZJ2DCE		355.61	11.60	0.64	349.92	5.17	0.28
ZYAXVJ		328.58	-15.43	-0.85	325.54	-19.21	-1.03

Summary Statistics

	Sample F65	Sample F66
Grand Means	344.008 ksi	344.752 ksi
Stnd Dev Btwn Labs	18.176 ksi	18.718 ksi

Statistics based on 49 of 54 reporting participants

Sample F65: ABS **&** **Sample F66:** ABS

Plastics Interlaboratory Testing Program
Analysis 708
Modulus of Elasticity - ksi

Comments on assigned Data Flags for Test #708

9SHZ4Z (X) - Inconsistent in testing between samples and inconsistent in testing within both samples.

B7PQAX (X) - Low data for all samples.

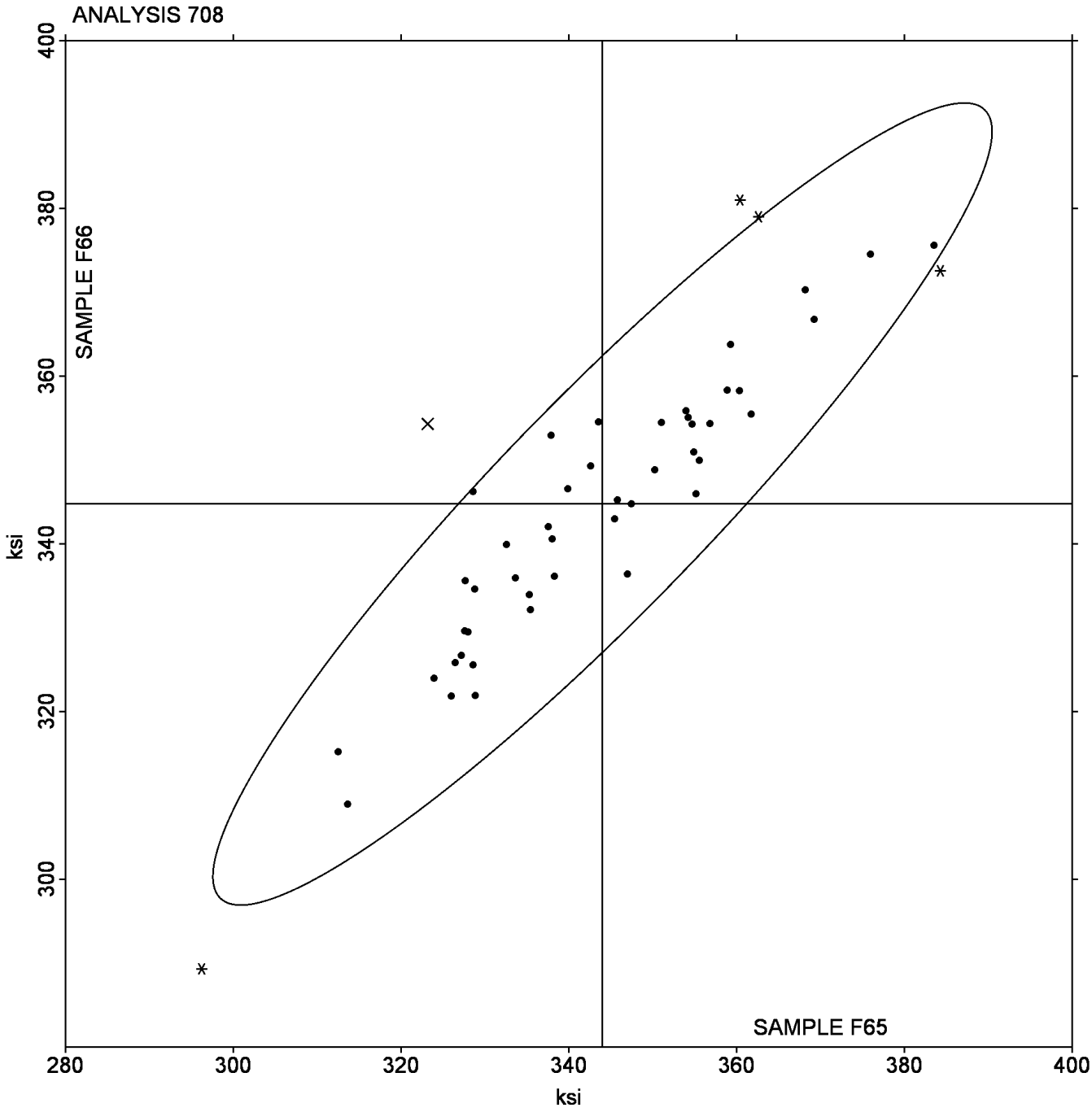
CRMUYP (X) - Inconsistent in testing between samples, data for Sample F65 are low.

MDTDA1 (X) - Low data for all samples.

WCQTK5 (X) - Low data for all samples.

Plastics Interlaboratory Testing Program
Analysis 708
Modulus of Elasticity - ksi

Grand Mean Sample F65: 344.01 ksi **Grand Mean Sample F66:** 344.75 ksi



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 730

Tensile Stress at Yield - MPa

WebCode	Data Flag	Sample C65 Lab Mean	Sample C65 Diff from Grand Mean	Sample C65 CPV	Sample C66 Lab Mean	Sample C66 Diff from Grand Mean	Sample C66 CPV
1LY3RK		48.65	-0.83	-1.00	47.52	-0.78	-0.98
1NAL93		49.88	0.40	0.48	48.30	0.00	0.00
1Q5V96		49.40	-0.08	-0.10	47.73	-0.57	-0.71
1S7CFE		48.68	-0.80	-0.97	47.52	-0.79	-0.98
4RC2KN		48.46	-1.02	-1.24	48.04	-0.26	-0.33
51M2CB		49.49	0.00	0.00	48.37	0.06	0.08
5QSNGL	*	49.15	-0.33	-0.40	49.32	1.01	1.26
69BNVK		50.01	0.52	0.63	48.47	0.17	0.21
6HLYBD		49.67	0.19	0.23	48.17	-0.13	-0.17
6NC1JJ		48.81	-0.68	-0.82	48.43	0.12	0.15
A3SRC2		51.19	1.70	2.05	50.24	1.94	2.41
B1TKY9		49.26	-0.23	-0.27	47.93	-0.38	-0.47
B5ZCTE		48.93	-0.55	-0.67	48.29	-0.01	-0.02
B8VE7E		49.61	0.12	0.15	48.47	0.16	0.20
BMNR5B		47.69	-1.79	-2.16	46.97	-1.33	-1.66
CCEDSP		49.55	0.06	0.07	48.73	0.42	0.53
CMR3QS		50.98	1.50	1.81	49.43	1.12	1.40
D3DQQP		49.58	0.10	0.11	47.94	-0.36	-0.45
D44GEV	*	47.40	-2.09	-2.52	46.02	-2.28	-2.84
DHN88V		50.22	0.73	0.88	48.80	0.49	0.61
DPQ9GC		50.58	1.10	1.32	48.92	0.62	0.77
E642FK		50.03	0.55	0.66	49.13	0.83	1.03
EHFU8V		49.44	-0.04	-0.05	47.96	-0.35	-0.43
FMGC7Y		50.15	0.67	0.81	48.83	0.53	0.66
FMRF9C		49.53	0.05	0.06	47.71	-0.60	-0.75
FR6CZE		49.26	-0.23	-0.27	48.54	0.24	0.30
GMRMGZ		48.94	-0.54	-0.66	48.00	-0.30	-0.38
J7RXJA		50.38	0.90	1.08	49.30	0.99	1.24
JEPJHX		48.88	-0.61	-0.73	48.23	-0.08	-0.10
JKYWEP		50.25	0.76	0.92	49.26	0.95	1.19
KW1RVC		50.95	1.47	1.77	49.67	1.36	1.70
L1M8F2		49.90	0.42	0.51	48.53	0.22	0.28

Plastics Interlaboratory Testing Program

Analysis 730

Tensile Stress at Yield - MPa

WebCode	Data Flag	Sample C65 Lab Mean	Sample C65 Diff from Grand Mean	Sample C65 CPV	Sample C66 Lab Mean	Sample C66 Diff from Grand Mean	Sample C66 CPV
LWD38V		49.01	-0.47	-0.57	47.64	-0.66	-0.83
M5EMMP		50.94	1.45	1.75	49.23	0.93	1.16
M9D1AD		49.51	0.03	0.04	48.32	0.01	0.01
NKH195		49.54	0.06	0.07	48.28	-0.03	-0.03
RWXXBS		50.46	0.98	1.18	48.90	0.60	0.74
S6B88X		49.06	-0.42	-0.51	47.63	-0.67	-0.84
S794MD		49.35	-0.13	-0.16	48.43	0.13	0.16
SPABYE		48.16	-1.32	-1.60	47.11	-1.19	-1.49
TBT8FV		50.62	1.13	1.37	49.27	0.97	1.21
UEHPVN		49.52	0.04	0.04	48.21	-0.10	-0.12
UFWMEQ		48.71	-0.77	-0.93	47.37	-0.93	-1.17
UUC9DW		49.78	0.30	0.36	48.46	0.15	0.19
VL6JTY		48.45	-1.04	-1.25	47.12	-1.18	-1.47
YR4RPW	*	49.01	-0.48	-0.58	49.06	0.76	0.95
YZA6G5		49.28	-0.20	-0.24	47.63	-0.67	-0.84
ZKX1YJ		48.94	-0.55	-0.66	47.21	-1.10	-1.37

Summary Statistics

	Sample C65	Sample C66
Grand Means	49.485 MPa	48.305 MPa
Stnd Dev Btwn Labs	0.829 MPa	0.802 MPa

Statistics based on 48 of 48 reporting participants

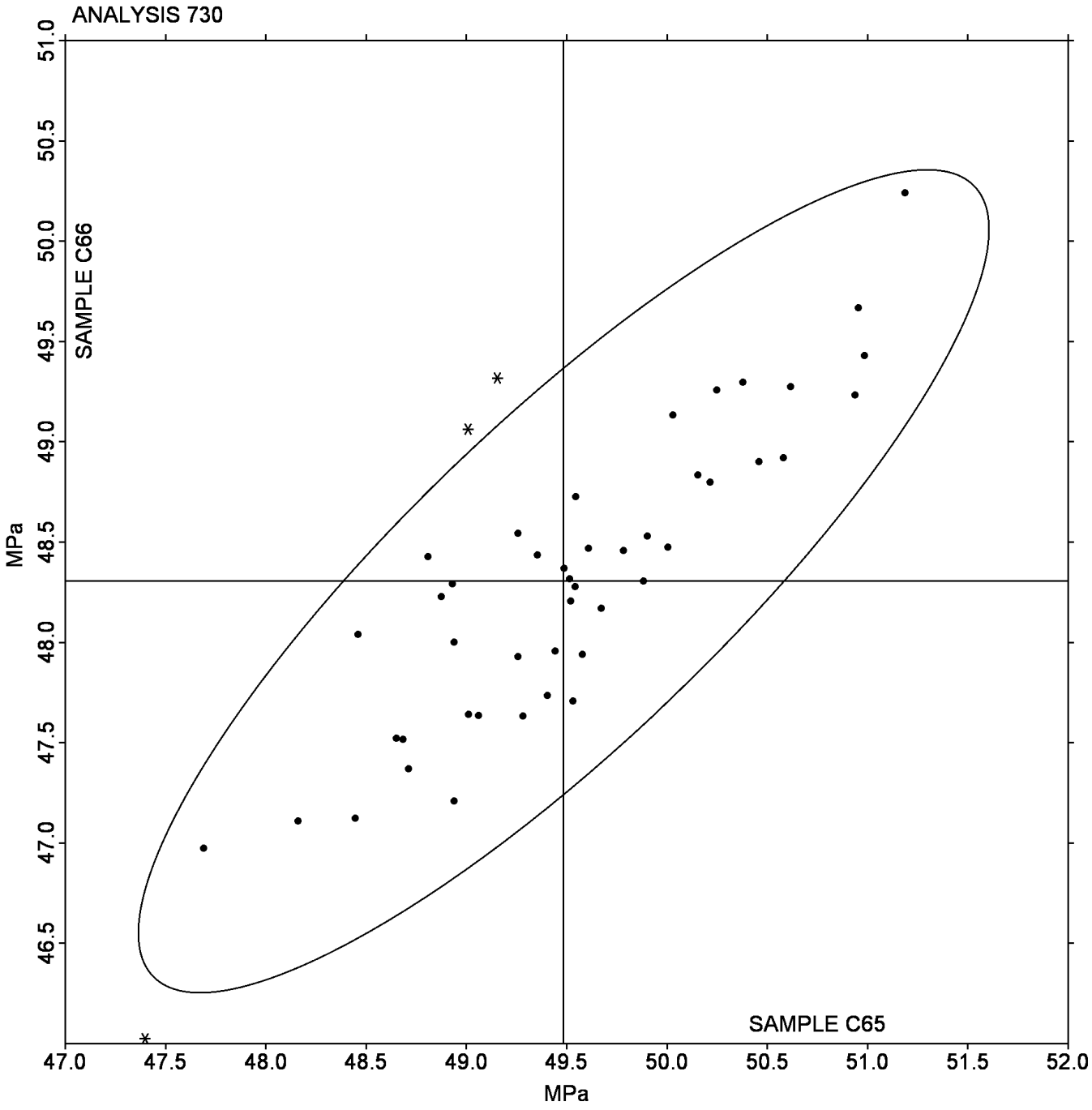
Sample C65: ABS **&** **Sample C66:** ABS

Plastics Interlaboratory Testing Program

Analysis 730

Tensile Stress at Yield - MPa

Grand Mean Sample C65: 49.485 MPa **Grand Mean Sample C66:** 48.305 MPa



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 731

Tensile Stress at Break - MPa

WebCode	Data Flag	Sample C65 Lab Mean	Sample C65 Diff from Grand Mean	Sample C65 CPV	Sample C66 Lab Mean	Sample C66 Diff from Grand Mean	Sample C66 CPV
1APCHJ		37.68	2.08	0.94	36.88	1.77	0.93
1BMYCH	X	34.85	-0.75	-0.34	22.66	-12.45	-6.53
2DJV83	X	49.28	13.68	6.17	47.63	12.52	6.57
2MHU5P	*	41.60	6.00	2.70	39.32	4.21	2.21
4K8YWA		32.67	-2.93	-1.32	33.86	-1.25	-0.66
57439S		35.91	0.30	0.14	34.33	-0.78	-0.41
6A5HLP		36.30	0.70	0.31	36.00	0.89	0.47
6E6EGB		34.95	-0.65	-0.29	33.97	-1.14	-0.60
736PXA		34.88	-0.72	-0.33	33.96	-1.15	-0.60
84FGHG		33.23	-2.37	-1.07	34.12	-0.99	-0.52
8V7WM1		38.42	2.82	1.27	36.37	1.26	0.66
9HZAWF		35.18	-0.43	-0.19	35.48	0.37	0.19
9J5L6J		34.65	-0.95	-0.43	33.70	-1.41	-0.74
9MRTLR		34.18	-1.42	-0.64	34.06	-1.05	-0.55
BSDNTW		33.84	-1.76	-0.80	33.50	-1.61	-0.84
BYYJY6		35.40	-0.20	-0.09	34.44	-0.67	-0.35
C7EETR		34.80	-0.80	-0.36	33.92	-1.19	-0.62
D37J83		35.50	-0.10	-0.05	35.14	0.03	0.02
D61CCA		39.60	4.00	1.80	37.95	2.84	1.49
D7FHAL		37.02	1.41	0.64	37.76	2.65	1.39
DXRH63		34.87	-0.73	-0.33	34.47	-0.64	-0.33
E54UX9		32.62	-2.99	-1.35	32.08	-3.03	-1.59
E9C6MV		40.26	4.65	2.10	39.13	4.01	2.11
EDXBUB		35.11	-0.49	-0.22	36.96	1.85	0.97
F3TJPQ		35.55	-0.06	-0.03	34.17	-0.94	-0.49
FPDSA4		34.72	-0.88	-0.40	33.48	-1.63	-0.86
JY9PP7		34.79	-0.82	-0.37	34.81	-0.30	-0.16
KXJ418		35.00	-0.60	-0.27	35.12	0.01	0.00
M3GK5N		33.78	-1.82	-0.82	33.18	-1.93	-1.01
P8Z1LV	X	38.20	2.60	1.17	46.01	10.90	5.72
PRTUBM		35.58	-0.03	-0.01	35.57	0.46	0.24
QSGQB1		34.56	-1.05	-0.47	34.57	-0.54	-0.28

Plastics Interlaboratory Testing Program

Analysis 731

Tensile Stress at Break - MPa

WebCode	Data Flag	Sample C65 Lab Mean	Sample C65 Diff from Grand Mean	Sample C65 CPV	Sample C66 Lab Mean	Sample C66 Diff from Grand Mean	Sample C66 CPV
RTE5J4		34.40	-1.21	-0.54	34.53	-0.58	-0.30
S2PWQT		35.75	0.15	0.07	33.60	-1.51	-0.79
T519M8		35.78	0.18	0.08	34.99	-0.12	-0.07
TNK95X	*	38.46	2.85	1.29	35.01	-0.10	-0.05
UJ7B6U		30.67	-4.94	-2.23	32.19	-2.92	-1.53
V2ZQ3Y		35.14	-0.46	-0.21	35.34	0.23	0.12
VGWX8C	*	39.58	3.98	1.79	40.64	5.53	2.90
ZVA8ER		34.93	-0.68	-0.31	34.51	-0.60	-0.32

Summary Statistics

	Sample C65	Sample C66
Grand Means	35.604 MPa	35.111 MPa
Stnd Dev Btwn Labs	2.217 MPa	1.907 MPa

Statistics based on 37 of 40 reporting participants

Sample C65: ABS **&** **Sample C66:** ABS

Comments on assigned Data Flags for Test #731

1BMYCH (X) - Inconsistent in testing between samples, data for Sample C66 are low.

2DJV83 (X) - High data for all samples.

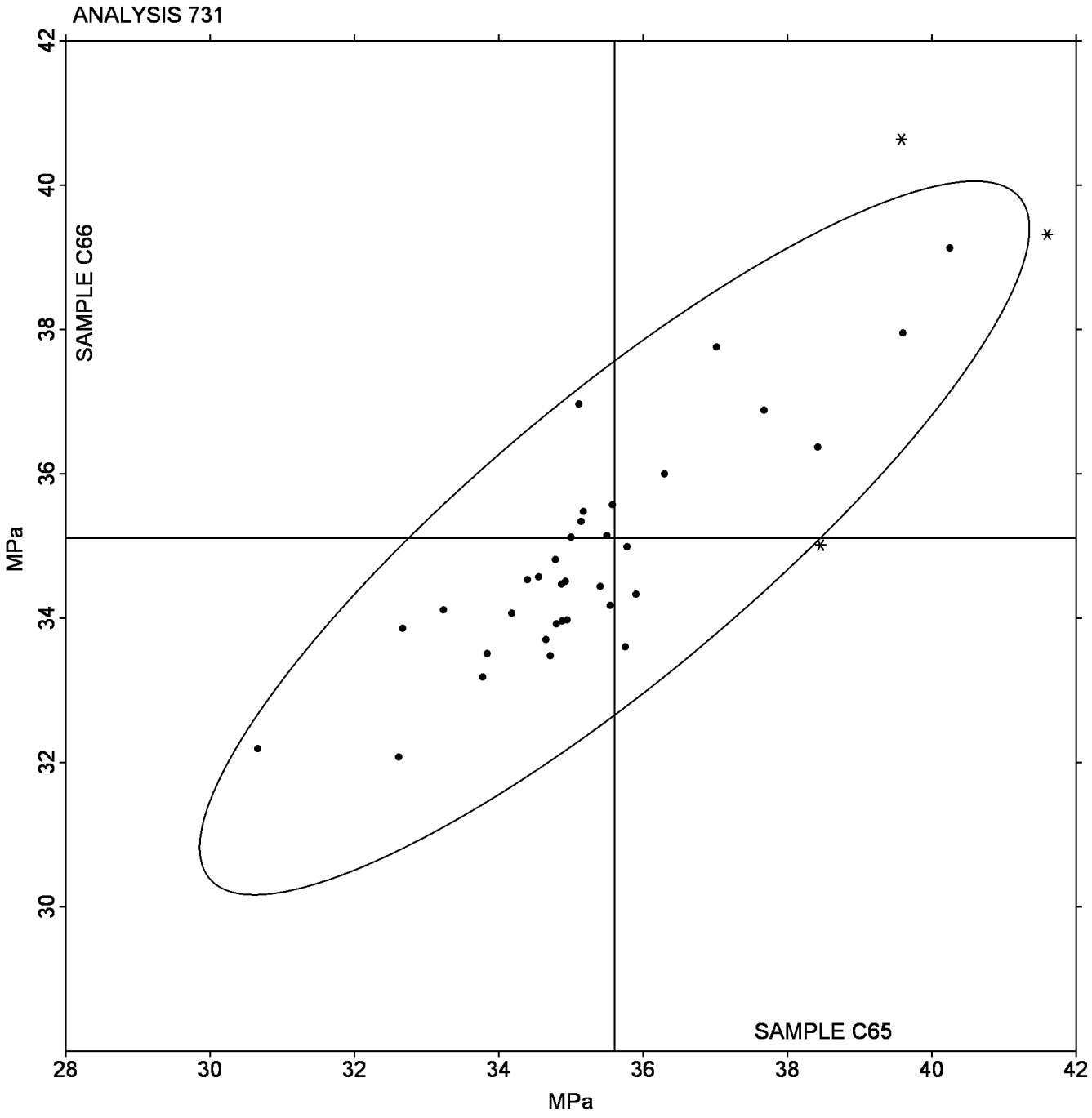
P8Z1LV (X) - Inconsistent in testing between samples, data for Sample C66 are high.

Plastics Interlaboratory Testing Program

Analysis 731

Tensile Stress at Break - MPa

Grand Mean Sample C65: 35.604 MPa **Grand Mean Sample C66:** 35.111 MPa



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 732

Percent Strain at Yield

WebCode	Data Flag	Sample C65 Lab Mean	Sample C65 Diff from Grand Mean	Sample C65 CPV	Sample C66 Lab Mean	Sample C66 Diff from Grand Mean	Sample C66 CPV
178TNF		2.556	-0.026	-0.28	2.668	-0.051	-0.52
328EZH		2.740	0.158	1.73	2.818	0.099	1.02
47E6TN		2.684	0.102	1.12	2.842	0.123	1.26
4KFXES	M	2.650	0.068	0.75	No data reported for this sample		
4KLXDE	X	2.880	0.298	3.26	2.232	-0.487	-5.00
58HF2W		2.554	-0.028	-0.30	2.726	0.007	0.07
6CVM6U		2.618	0.036	0.40	2.776	0.057	0.59
6WMJQW		2.680	0.098	1.07	2.824	0.105	1.08
7UB12K		2.540	-0.042	-0.46	2.678	-0.041	-0.42
7ZRJPL		2.524	-0.058	-0.63	2.668	-0.051	-0.52
99P8AE		2.456	-0.126	-1.38	2.568	-0.151	-1.55
9M9FAL		2.644	0.062	0.68	2.762	0.043	0.44
9QELWG		2.466	-0.116	-1.27	2.660	-0.059	-0.60
AVY726		2.610	0.028	0.31	2.732	0.013	0.14
BCX418		2.686	0.104	1.14	2.834	0.115	1.18
BQT3DY		2.623	0.041	0.45	2.781	0.063	0.64
E6EHAU		2.574	-0.008	-0.09	2.760	0.041	0.42
FX66CP		2.512	-0.070	-0.76	2.636	-0.083	-0.85
GDAZG3		2.600	0.018	0.20	2.700	-0.019	-0.19
H31M5K		2.592	0.010	0.11	2.718	-0.001	-0.01
H6YKJD		2.618	0.036	0.40	2.752	0.033	0.34
HPC6W8	*	2.320	-0.262	-2.87	2.460	-0.259	-2.66
JF9R3S	*	2.482	-0.100	-1.09	2.710	-0.009	-0.09
JRP4EA		2.582	0.000	0.00	2.696	-0.023	-0.23
JYFN5Q	X	5.176	2.594	28.39	5.472	2.753	28.27
KCSZYQ	X	2.032	-0.550	-6.02	2.214	-0.505	-5.18
N5A2FU		2.526	-0.056	-0.61	2.646	-0.073	-0.75
N9SJYS		2.598	0.016	0.18	2.662	-0.057	-0.58
NGX9P3	*	2.682	0.100	1.10	2.908	0.189	1.94
PGAM46		2.482	-0.100	-1.09	2.600	-0.119	-1.22
RLDJ8Q		2.518	-0.064	-0.70	2.634	-0.085	-0.87
RVYD6X		2.594	0.012	0.13	2.738	0.019	0.20

Plastics Interlaboratory Testing Program

Analysis 732

Percent Strain at Yield

WebCode	Data Flag	Sample C65 Lab Mean	Sample C65 Diff from Grand Mean	Sample C65 CPV	Sample C66 Lab Mean	Sample C66 Diff from Grand Mean	Sample C66 CPV
UL8YKD		2.590	0.008	0.09	2.744	0.025	0.26
VC8RSB		2.514	-0.068	-0.74	2.626	-0.093	-0.95
VEBCVA		2.790	0.208	2.28	2.948	0.229	2.35
W6Y5NT		2.574	-0.008	-0.09	2.684	-0.035	-0.36
YAUZWZ		2.664	0.082	0.90	2.822	0.103	1.06
Z6ER5S		2.494	-0.088	-0.96	2.612	-0.107	-1.10
ZA8S5L		2.678	0.096	1.05	2.766	0.047	0.48

Summary Statistics

	Sample C65	Sample C66
Grand Means	2.5818 Percent	2.7188 Percent
Stnd Dev Btwn Labs	0.0914 Percent	0.0974 Percent

Statistics based on 35 of 39 reporting participants

Sample C65: ABS **& Sample C66:** ABS

Comments on assigned Data Flags for Test #732

4KFXES (M) - Laboratory did not submit data for Sample C66.

4KLXDE (X) - Inconsistent in testing between samples. High data for Sample C65 and low data for Sample C66.

JYFN5Q (X) - High data for all samples.

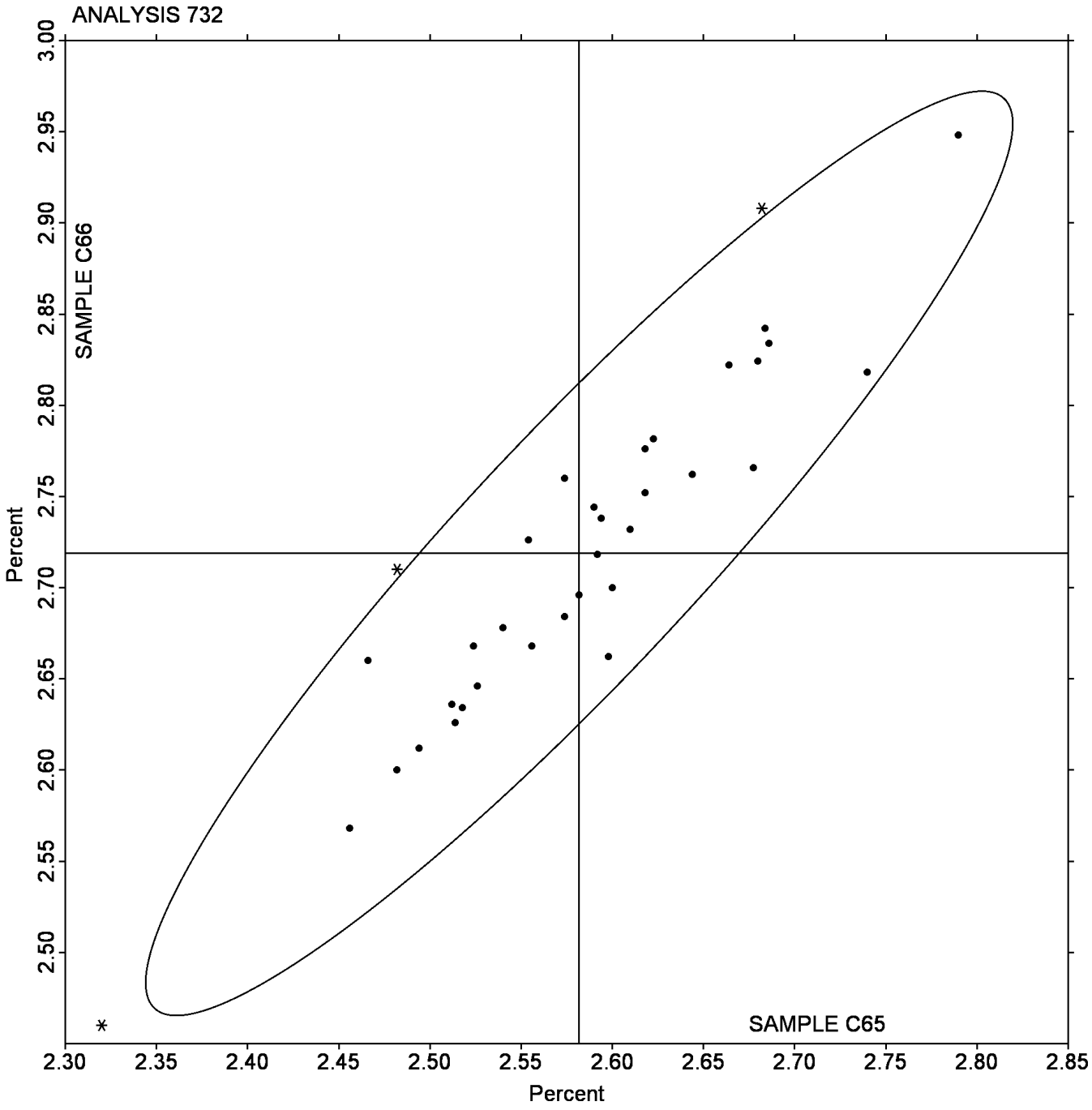
KCSZYQ (X) - Low data for all samples.

Plastics Interlaboratory Testing Program

Analysis 732

Percent Strain at Yield

Grand Mean Sample C65: 2.5818 Percent **Grand Mean Sample C66:** 2.7188 Percent



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 734

Modulus of Elasticity - MPa

WebCode	Data Flag	Sample C65 Lab Mean	Sample C65 Diff from Grand Mean	Sample C65 CPV	Sample C66 Lab Mean	Sample C66 Diff from Grand Mean	Sample C66 CPV
1CC94B		2,619	158	1.65	2,573	193	1.83
1UX496		2,497	36	0.38	2,413	33	0.31
1W5PJR		2,506	45	0.47	2,414	34	0.32
2SAYW7		2,456	-5	-0.06	2,257	-123	-1.17
49T8TZ		2,370	-92	-0.96	2,294	-87	-0.82
4V2M8D		2,407	-54	-0.56	2,343	-38	-0.36
724FMH		2,531	70	0.73	2,464	84	0.79
7RA5DN		2,490	29	0.30	2,394	14	0.13
8NTX2N		2,558	96	1.01	2,481	101	0.96
93EVB3		2,449	-12	-0.12	2,381	1	0.01
BATSLF		2,440	-22	-0.23	2,341	-39	-0.37
DHM7BB		2,630	169	1.77	2,540	160	1.52
DW6UG3		2,506	45	0.47	2,450	70	0.67
DXFUMA	X	2,061	-401	-4.19	1,987	-393	-3.73
FYKNFU	*	2,718	256	2.68	2,681	301	2.85
H444W3		2,351	-110	-1.15	2,320	-60	-0.57
HUWJB9		2,419	-42	-0.44	2,353	-27	-0.25
JUCFF1		2,409	-52	-0.54	2,332	-48	-0.46
K9RCL7		2,544	83	0.86	2,456	76	0.72
L3YRU6		2,315	-146	-1.53	2,264	-116	-1.10
M8HGBT		2,497	36	0.38	2,446	66	0.63
NCYYT3		2,354	-108	-1.12	2,276	-104	-0.99
NGMWNJ		2,563	102	1.07	2,488	108	1.03
RKMTFB	*	2,338	-124	-1.29	2,403	22	0.21
RKVAR2	*	2,459	-2	-0.03	2,221	-159	-1.51
SBPUB2		2,446	-15	-0.16	2,351	-29	-0.27
SQ9NNF		2,399	-63	-0.65	2,328	-52	-0.49
TC2SCR	X	1,881	-580	-6.06	1,964	-416	-3.95
U6SFSQ		2,449	-12	-0.12	2,386	6	0.05
VBB1ZA		2,304	-158	-1.65	2,208	-172	-1.63
WZ1G48		2,524	63	0.66	2,412	31	0.30
X9JX91		2,385	-76	-0.79	2,309	-71	-0.67

Plastics Interlaboratory Testing Program

Analysis 734

Modulus of Elasticity - MPa

WebCode	Data Flag	Sample C65 Lab Mean	Sample C65 Diff from Grand Mean	Sample C65 CPV	Sample C66 Lab Mean	Sample C66 Diff from Grand Mean	Sample C66 CPV
XSCCCS		2,379	-82	-0.86	2,293	-87	-0.83
Z78LVW		2,374	-87	-0.91	2,230	-150	-1.43
ZU1PM2		2,532	71	0.74	2,444	63	0.60

Summary Statistics

	Sample C65	Sample C66
Grand Means	2,461.1 MPa	2,380.2 MPa
Stnd Dev Btwn Labs	95.7 MPa	105.4 MPa

Statistics based on 33 of 35 reporting participants

Sample C65: ABS **& Sample C66:** ABS

Comments on assigned Data Flags for Test #734

DXFUMA (X) - Low data for all samples.

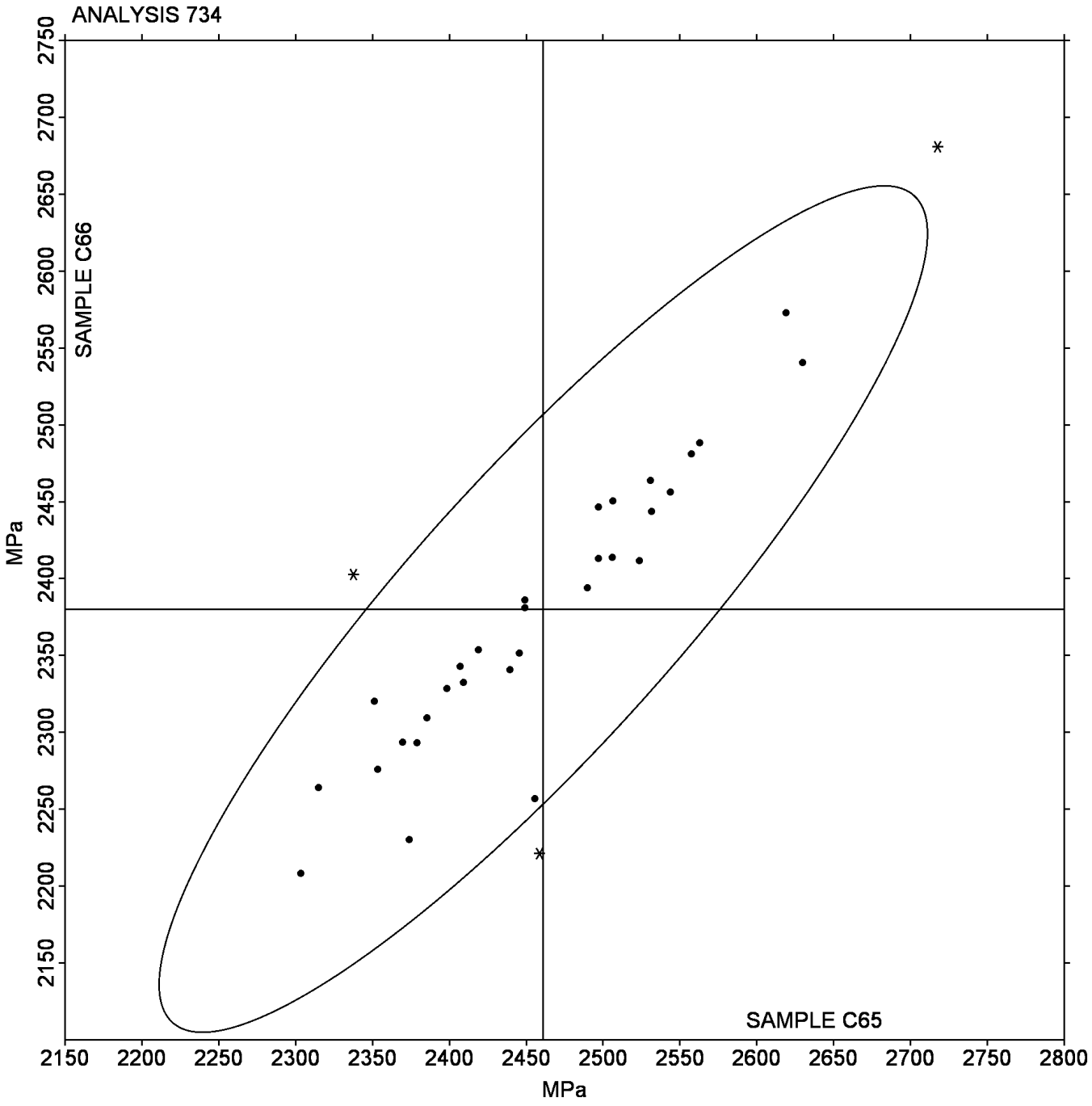
TC2SCR (X) - Low data for all samples.

Plastics Interlaboratory Testing Program

Analysis 734

Modulus of Elasticity - MPa

Grand Mean Sample C65: 2,461.11 MPa **Grand Mean Sample C66:** 2,380.17 MPa



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 720

Flexural Modulus- ksi

WebCode	Data Flag	Sample J65 Lab Mean	Sample J65 Diff from Grand Mean	Sample J65 CPV	Sample J66 Lab Mean	Sample J66 Diff from Grand Mean	Sample J66 CPV
1545JC		416.6	-6.4	-0.28	403.8	-9.4	-0.42
16TG15		424.8	1.7	0.08	412.8	-0.4	-0.02
1M9KSJ		415.9	-7.1	-0.31	398.8	-14.4	-0.64
1MFYQZ		431.8	8.7	0.38	423.7	10.5	0.47
1YVT2S	*	484.5	61.5	2.67	475.5	62.3	2.79
3TF1UA		414.9	-8.1	-0.35	407.2	-6.0	-0.27
41PTSZ		446.1	23.1	1.00	440.1	26.9	1.20
5DUFBF		431.7	8.7	0.38	415.5	2.3	0.10
5SPW6F		445.0	22.0	0.96	434.1	20.9	0.93
5YRMBL		411.6	-11.4	-0.50	409.0	-4.2	-0.19
6KA7JT		443.0	20.0	0.87	431.9	18.7	0.83
6L5MHR		430.6	7.6	0.33	418.4	5.2	0.23
8278HH		439.5	16.4	0.71	427.3	14.1	0.63
82CLYD		441.6	18.5	0.80	431.0	17.8	0.79
87YL4T		417.1	-5.9	-0.26	404.0	-9.2	-0.41
8BCV4X		408.9	-14.1	-0.61	400.3	-12.9	-0.58
9CQ5TU		451.9	28.9	1.25	436.6	23.4	1.05
9KBT8Y		432.9	9.8	0.43	425.5	12.3	0.55
9PPRNY		418.8	-4.2	-0.18	417.7	4.5	0.20
9QYSBS		412.5	-10.6	-0.46	405.3	-7.9	-0.35
B28XSC		421.7	-1.3	-0.06	407.3	-5.9	-0.26
B9CEGV		451.8	28.8	1.25	435.4	22.2	0.99
C16U9L		390.7	-32.4	-1.40	381.5	-31.7	-1.42
CBGRV6		440.2	17.1	0.74	425.2	12.0	0.53
DG6LDP		420.1	-3.0	-0.13	410.8	-2.4	-0.11
DYKPQV		425.9	2.8	0.12	412.3	-0.9	-0.04
EMKWMH		437.0	14.0	0.61	421.0	7.8	0.35
F4JUFH		403.7	-19.3	-0.84	394.8	-18.4	-0.82
F7VJ5E	X	329.6	-93.4	-4.06	352.4	-60.8	-2.72
FKVP9Z		430.3	7.3	0.32	426.9	13.6	0.61
G2ALRC		433.5	10.4	0.45	421.2	8.0	0.36
G8Z54T	*	367.6	-55.5	-2.41	353.1	-60.1	-2.69

Plastics Interlaboratory Testing Program

Analysis 720

Flexural Modulus- ksi

WebCode	Data Flag	Sample J65 Lab Mean	Sample J65 Diff from Grand Mean	Sample J65 CPV	Sample J66 Lab Mean	Sample J66 Diff from Grand Mean	Sample J66 CPV
GKRY9V		368.5	-54.5	-2.37	361.1	-52.1	-2.33
GWKH4L		377.2	-45.9	-1.99	364.5	-48.7	-2.18
H4X4FM		433.7	10.7	0.46	431.5	18.3	0.82
HS2SBW		459.0	36.0	1.56	445.6	32.4	1.45
JVNQHR		402.7	-20.3	-0.88	389.4	-23.8	-1.07
KFBH91	*	428.3	5.3	0.23	429.5	16.3	0.73
L53JKY		391.2	-31.8	-1.38	382.6	-30.6	-1.37
LF19ED		451.7	28.7	1.24	439.8	26.6	1.19
LL8ZHJ		426.0	3.0	0.13	416.2	3.0	0.13
LPNXSM		464.5	41.5	1.80	455.7	42.5	1.90
ME54K5		408.5	-14.6	-0.63	393.2	-20.0	-0.89
MQYNL4		440.9	17.9	0.78	431.3	18.1	0.81
MSKVN7	X	448.4	25.4	1.10	421.2	8.0	0.36
NB4T9A		402.6	-20.5	-0.89	395.9	-17.3	-0.77
NFWM1X		410.8	-12.2	-0.53	403.8	-9.4	-0.42
P2BFEW		426.7	3.7	0.16	414.4	1.2	0.05
P2JMAL	*	366.3	-56.7	-2.46	361.8	-51.4	-2.30
P6MVZ1		398.8	-24.3	-1.05	395.1	-18.2	-0.81
Q6J9XY		419.1	-3.9	-0.17	409.8	-3.4	-0.15
QE85GM		426.7	3.7	0.16	415.8	2.6	0.12
QQ3V38		415.7	-7.3	-0.32	415.1	1.9	0.08
QTNKML		455.0	32.0	1.39	443.1	29.9	1.34
R15ED2		436.2	13.2	0.57	425.8	12.6	0.56
RFFYX1	X	0.0	-423.0	-18.36	0.0	-413.2	-18.48
S1N2RV		427.2	4.2	0.18	414.8	1.6	0.07
S4VA5L		430.0	7.0	0.30	420.4	7.2	0.32
S7EN3A		417.0	-6.0	-0.26	416.8	3.6	0.16
SSYDU7		396.5	-26.5	-1.15	381.8	-31.4	-1.41
TCWNCU		392.4	-30.6	-1.33	383.7	-29.5	-1.32
TDBXD8	M	No data reported for this sample			428.9	15.7	0.70
UAP47C		420.3	-2.7	-0.12	410.4	-2.8	-0.13
V898W4		429.8	6.8	0.29	417.3	4.1	0.18

Plastics Interlaboratory Testing Program

Analysis 720

Flexural Modulus- ksi

WebCode	Data Flag	Sample J65 Lab Mean	Sample J65 Diff from Grand Mean	Sample J65 CPV	Sample J66 Lab Mean	Sample J66 Diff from Grand Mean	Sample J66 CPV
W85SXR		445.6	22.6	0.98	432.2	19.0	0.85
WE5YQ8		449.9	26.9	1.17	438.8	25.6	1.15
WR7PWV		429.4	6.4	0.28	420.8	7.6	0.34
WYBQBG	X	416.3	-6.7	-0.29	383.1	-30.1	-1.35
X3JYWD		423.6	0.6	0.03	414.2	1.0	0.04
X6BPUP		454.7	31.7	1.38	440.3	27.1	1.21
XFG6G8		407.4	-15.6	-0.68	398.8	-14.4	-0.65
XY57YX		389.5	-33.5	-1.46	387.7	-25.5	-1.14
Y3NLGN		413.0	-10.0	-0.43	408.0	-5.2	-0.23
Y3VV2H		396.2	-26.8	-1.16	384.9	-28.3	-1.27
YAJLRA		423.6	0.6	0.02	416.7	3.5	0.16
YTBXGQ		415.6	-7.5	-0.32	401.9	-11.3	-0.51
YWP1NT		407.3	-15.7	-0.68	401.3	-11.9	-0.53
ZYVPTA		459.7	36.7	1.59	444.4	31.2	1.40

Summary Statistics

	Sample J65	Sample J66
Grand Means	423.02 ksi	413.21 ksi
Stnd Dev Btwn Labs	23.04 ksi	22.36 ksi

Statistics based on 73 of 78 reporting participants

Sample J65: ABS/PC **& Sample J66:** ABS/PC

Comments on assigned Data Flags for Test #720

F7VJ5E (X) - Low data for all samples. Inconsistent in testing within both sample sets.

MSKVN7 (X) - Inconsistent in testing between samples, high data for Sample J65. Inconsistent in testing within Sample J65.

RFFYX1 (X) - Extreme data. Data appear to be off by a factor of 100.

TDBXD8 (M) - Laboratory did not submit data for Sample J65. Inconsistent in testing within Sample J66.

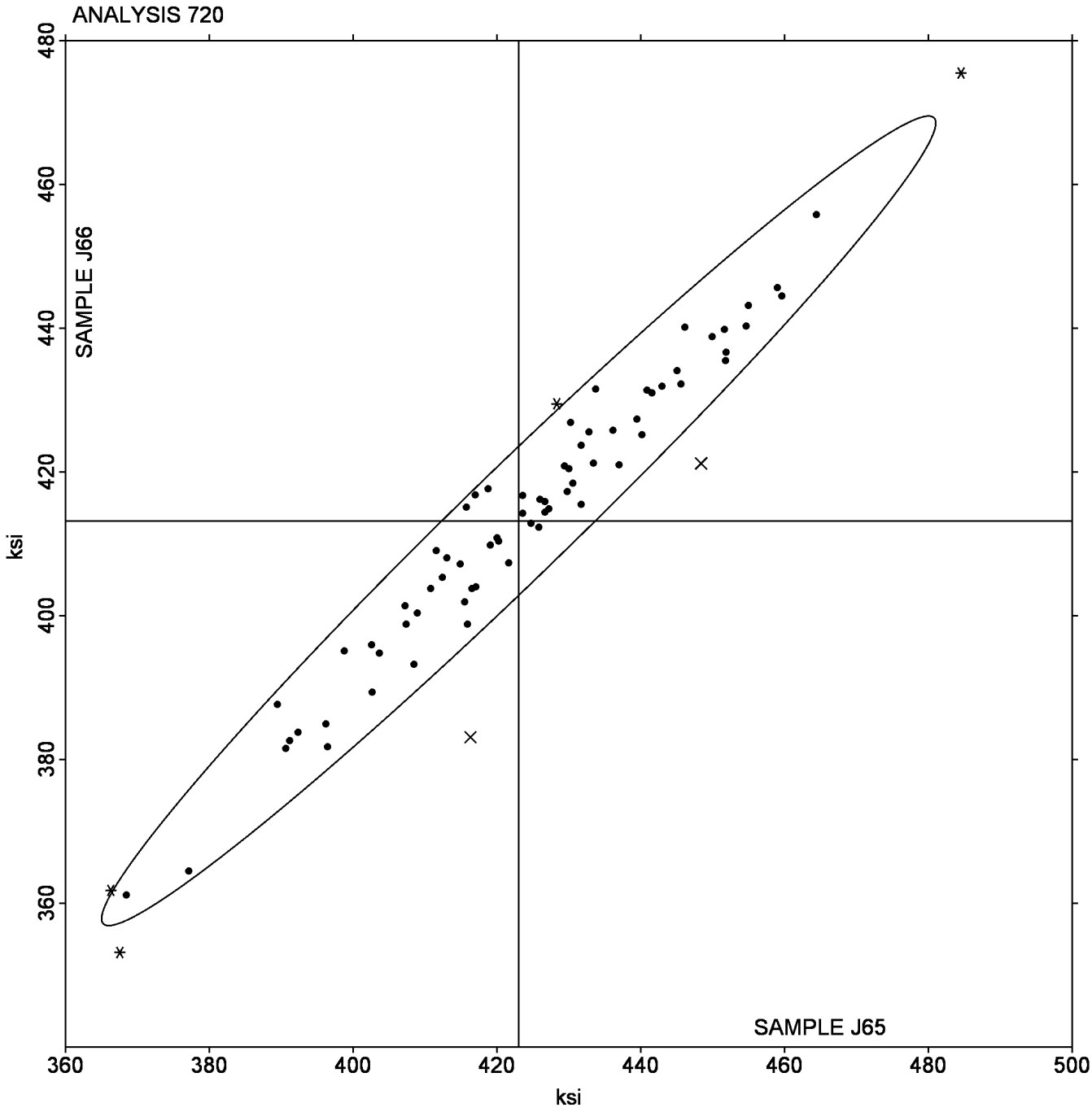
WYBQBG (X) - Inconsistent in testing between samples.

Plastics Interlaboratory Testing Program

Analysis 720

Flexural Modulus- ksi

Grand Mean Sample J65: 423.02 ksi **Grand Mean Sample J66:** 413.21 ksi



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 721

Flexural Stress at 5% Strain - psi

WebCode	Data Flag	Sample J65 Lab Mean	Sample J65 Diff from Grand Mean	Sample J65 CPV	Sample J66 Lab Mean	Sample J66 Diff from Grand Mean	Sample J66 CPV
1G3RYN		14,743	368	0.76	15,132	348	0.67
2E7J3Q	*	14,000	-375	-0.78	14,000	-783	-1.50
2K7AJ8		14,433	58	0.12	14,759	-24	-0.05
3LWFMY	M	No data reported for this sample			14,534	-249	-0.48
3QD4D4		14,038	-337	-0.70	14,287	-496	-0.95
3U75DX		13,465	-910	-1.89	13,683	-1,100	-2.11
4ELA25		14,749	374	0.77	15,113	330	0.63
4F1GU2		14,445	70	0.15	15,041	257	0.49
5366LF		13,738	-637	-1.32	13,954	-830	-1.59
59EUN3		14,839	463	0.96	15,184	401	0.77
5JTYCL		14,960	585	1.21	15,241	458	0.88
6NBCVD		13,544	-832	-1.72	13,924	-860	-1.65
6X9XJT		13,684	-691	-1.43	13,994	-789	-1.51
7NYVXS		14,094	-281	-0.58	14,709	-74	-0.14
7XBBWY		14,309	-66	-0.14	14,762	-21	-0.04
8A74QE		13,547	-828	-1.72	13,837	-947	-1.81
ACY3F5		14,835	460	0.95	15,419	636	1.22
BJLP5P		14,909	534	1.11	15,415	632	1.21
D5A3QN		14,413	38	0.08	14,797	13	0.03
DPQQJW		14,399	24	0.05	14,809	26	0.05
DU23NV		14,645	270	0.56	15,167	383	0.73
E6VUW6	*	13,650	-725	-1.50	14,310	-474	-0.91
FTM9DC		14,790	415	0.86	15,221	437	0.84
FVYLBN		14,865	490	1.02	15,300	516	0.99
FWR6TZ		13,985	-390	-0.81	14,432	-352	-0.67
G1RZJU		15,051	676	1.40	15,430	647	1.24
J4KG9T		15,145	770	1.60	15,513	730	1.40
K6AJNS		14,297	-78	-0.16	14,641	-143	-0.27
KA8KT9		14,470	94	0.20	14,952	169	0.32
KS7JUH		14,476	101	0.21	15,093	310	0.59
LFF84Q		15,144	769	1.59	15,656	873	1.67
LQ72UZ		14,630	255	0.53	15,033	249	0.48

Plastics Interlaboratory Testing Program

Analysis 721

Flexural Stress at 5% Strain - psi

WebCode	Data Flag	Sample J65 Lab Mean	Sample J65 Diff from Grand Mean	Sample J65 CPV	Sample J66 Lab Mean	Sample J66 Diff from Grand Mean	Sample J66 CPV
MLY2B7		14,047	-328	-0.68	14,533	-250	-0.48
MNC6LR		13,668	-707	-1.47	13,915	-869	-1.66
N31FQL		14,005	-370	-0.77	14,551	-233	-0.45
N6U2Y5		14,151	-224	-0.46	14,398	-386	-0.74
NGG2QZ		14,167	-208	-0.43	14,531	-253	-0.48
NRC9XR		14,939	564	1.17	15,491	708	1.36
PLU8VY		15,126	751	1.56	15,389	605	1.16
PZ13N1		13,766	-609	-1.26	14,262	-522	-1.00
R3ZGLW		15,148	773	1.60	15,535	751	1.44
RPUT5G		14,137	-238	-0.49	14,679	-104	-0.20
S1SVHA	X	2,800	-11,576	-24.00	1,782	-13,002	-24.91
S7NLNY		14,284	-91	-0.19	14,872	89	0.17
U6AKWV		14,408	33	0.07	14,664	-119	-0.23
UKU4M5		14,561	186	0.38	15,053	270	0.52
VHHRH8		15,247	871	1.81	15,661	878	1.68
VL63JZ		14,080	-295	-0.61	14,460	-323	-0.62
VX7JQH		13,989	-387	-0.80	14,150	-634	-1.21
WFE8EZ		14,877	501	1.04	15,226	443	0.85
WWBQU4		14,475	100	0.21	15,113	330	0.63
XCGVL8		14,121	-254	-0.53	14,518	-265	-0.51
YA75XQ		13,886	-489	-1.01	14,347	-436	-0.84
YRJZTR		14,427	52	0.11	14,829	46	0.09
YT8WAC		14,080	-295	-0.61	14,540	-243	-0.47

Summary Statistics

Grand Means

14,375.1 psi — 14,783.5 psi

Stnd Dev Btwn Labs

482.4 psi — 521.9 psi

Statistics based on 53 of 55 reporting participants

Sample J65: ABS/PC **& Sample J66:** ABS/PC

Plastics Interlaboratory Testing Program
Analysis 721
Flexural Stress at 5% Strain - psi

Comments on assigned Data Flags for Test #721

3LWFMY (M) - Laboratory did not submit data for Sample J65. Inconsistent in testing within Sample J66.

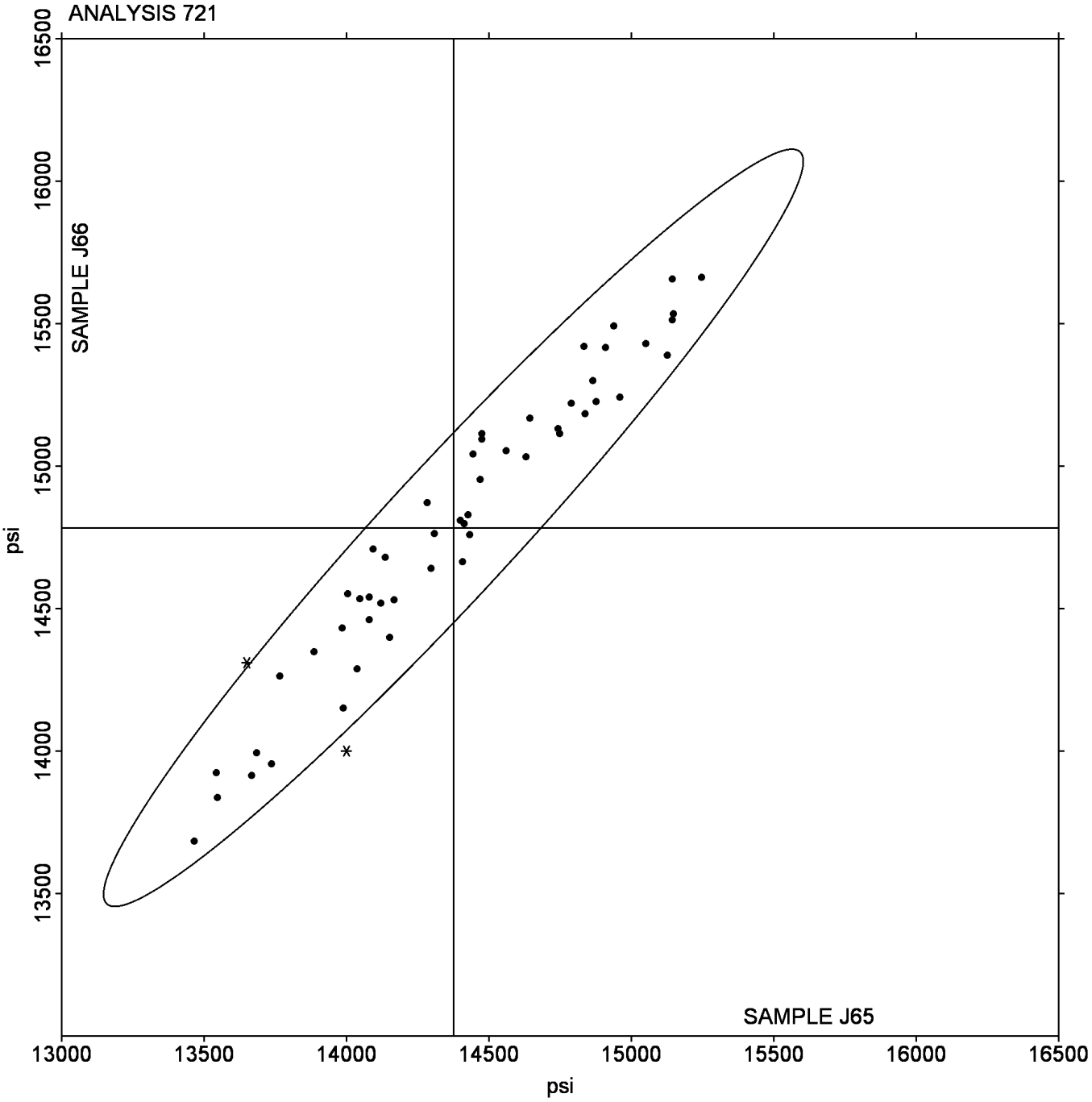
S1SVHA (X) - Extreme data.

Plastics Interlaboratory Testing Program

Analysis 721

Flexural Stress at 5% Strain - psi

Grand Mean Sample J65: 14,375.12 psi **Grand Mean Sample J66:** 14,783.48 psi



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 722

Flexural Stress at Yield - psi

WebCode	Data Flag	Sample J65 Lab Mean	Sample J65 Diff from Grand Mean	Sample J65 CPV	Sample J66 Lab Mean	Sample J66 Diff from Grand Mean	Sample J66 CPV
1XES1B	X	12,663	-1,587	-3.33	12,292	-2,435	-4.58
2UDTG6		14,046	-203	-0.43	14,350	-377	-0.71
35ESPW		13,692	-557	-1.17	14,101	-626	-1.18
3L3VLZ		14,547	298	0.63	15,310	582	1.10
4K54TQ		14,094	-156	-0.33	14,725	-2	0.00
5NTQHK		13,665	-584	-1.23	14,310	-418	-0.79
5ZAVRM		14,288	38	0.08	14,938	210	0.40
6AHWRK		15,016	767	1.61	15,242	514	0.97
6U4VF4	*	13,742	-507	-1.07	13,776	-951	-1.79
6Y755J		13,779	-471	-0.99	14,386	-342	-0.64
6ZFA97		13,964	-286	-0.60	14,256	-472	-0.89
82M78U		14,264	14	0.03	14,722	-5	-0.01
8D8TT3		15,202	952	2.00	15,764	1,036	1.95
93PESL		14,564	314	0.66	15,016	288	0.54
9CGDRC		14,150	-100	-0.21	14,385	-343	-0.64
A445MB	M	13,620	-630	-1.32	No data reported for this sample		
D2ARUN		14,429	180	0.38	15,046	318	0.60
E1RVW2		13,985	-265	-0.56	14,432	-296	-0.56
EDQCBU		14,024	-226	-0.47	14,665	-63	-0.12
EJ1XDT		14,143	-106	-0.22	14,751	24	0.04
FV7VL7		13,402	-848	-1.78	13,924	-804	-1.51
FWWV55		13,532	-718	-1.51	14,056	-671	-1.26
G1MPEB		14,192	-57	-0.12	14,563	-165	-0.31
G4PGWP		14,521	271	0.57	14,831	103	0.19
GCZQB4		14,680	430	0.90	15,239	512	0.96
HGVTX9		14,075	-175	-0.37	14,389	-339	-0.64
HJQB4G		14,105	-145	-0.30	14,708	-20	-0.04
J8DMG4		15,175	926	1.94	15,724	996	1.87
KK2H3G	M	No data reported for this sample			14,474	-254	-0.48
LE7VZV		14,978	728	1.53	15,732	1,005	1.89
LN2G5E		13,470	-780	-1.64	13,802	-925	-1.74
LQPLES		13,764	-486	-1.02	14,308	-420	-0.79

Plastics Interlaboratory Testing Program

Analysis 722

Flexural Stress at Yield - psi

WebCode	Data Flag	Sample J65 Lab Mean	Sample J65 Diff from Grand Mean	Sample J65 CPV	Sample J66 Lab Mean	Sample J66 Diff from Grand Mean	Sample J66 CPV
LUNMQS		13,958	-292	-0.61	14,340	-388	-0.73
MQ7ZNF		14,023	-227	-0.48	14,482	-246	-0.46
MRWPUG	X	12,494	-1,755	-3.69	13,218	-1,509	-2.84
MWVZ58		14,080	-170	-0.36	14,460	-268	-0.50
N4K2VH		14,522	273	0.57	15,173	446	0.84
NMDY2R		14,949	699	1.47	15,538	810	1.52
Q4ELD2		13,807	-443	-0.93	14,454	-273	-0.51
Q7PE21	*	14,000	-250	-0.52	14,000	-728	-1.37
RCK9SF		14,165	-85	-0.18	14,658	-70	-0.13
RJZ4HH		14,657	407	0.85	15,199	472	0.89
RLVWXF		14,323	73	0.15	14,854	126	0.24
S1AHTJ		14,941	692	1.45	15,502	774	1.46
S51R7X		15,128	879	1.85	15,684	957	1.80
SN1KSJ		14,100	-150	-0.31	14,580	-148	-0.28
T77EBF		14,844	594	1.25	15,296	569	1.07
U15895		13,666	-584	-1.23	14,144	-584	-1.10
V1VFMU		14,383	134	0.28	14,834	106	0.20
V9JEY7		14,306	56	0.12	14,703	-24	-0.05
VD2BR4		13,973	-277	-0.58	14,402	-325	-0.61
X9BJCL	X	427,285	413,035	867.41	415,682	400,954	754.50
XANX41		15,029	780	1.64	15,469	741	1.39
Y78U2Q		13,889	-361	-0.76	14,431	-296	-0.56

Summary Statistics

	Sample J65	Sample J66
Grand Means	14,249.6 psi	14,727.7 psi
Stnd Dev Btwn Labs	476.2 psi	531.4 psi

Statistics based on 49 of 54 reporting participants

Sample J65: ABS/PC **& Sample J66:** ABS/PC

Plastics Interlaboratory Testing Program
Analysis 722
Flexural Stress at Yield - psi

Comments on assigned Data Flags for Test #722

1XES1B (X) - Low data for all samples.

A445MB (M) - Laboratory did not submit data for Sample J66.

KK2H3G (M) - Laboratory did not submit data for Sample J65. Inconsistent in testing within Sample J66.

MRWPUG (X) - Low data for all samples. Also inconsistent in testing within both sample sets.

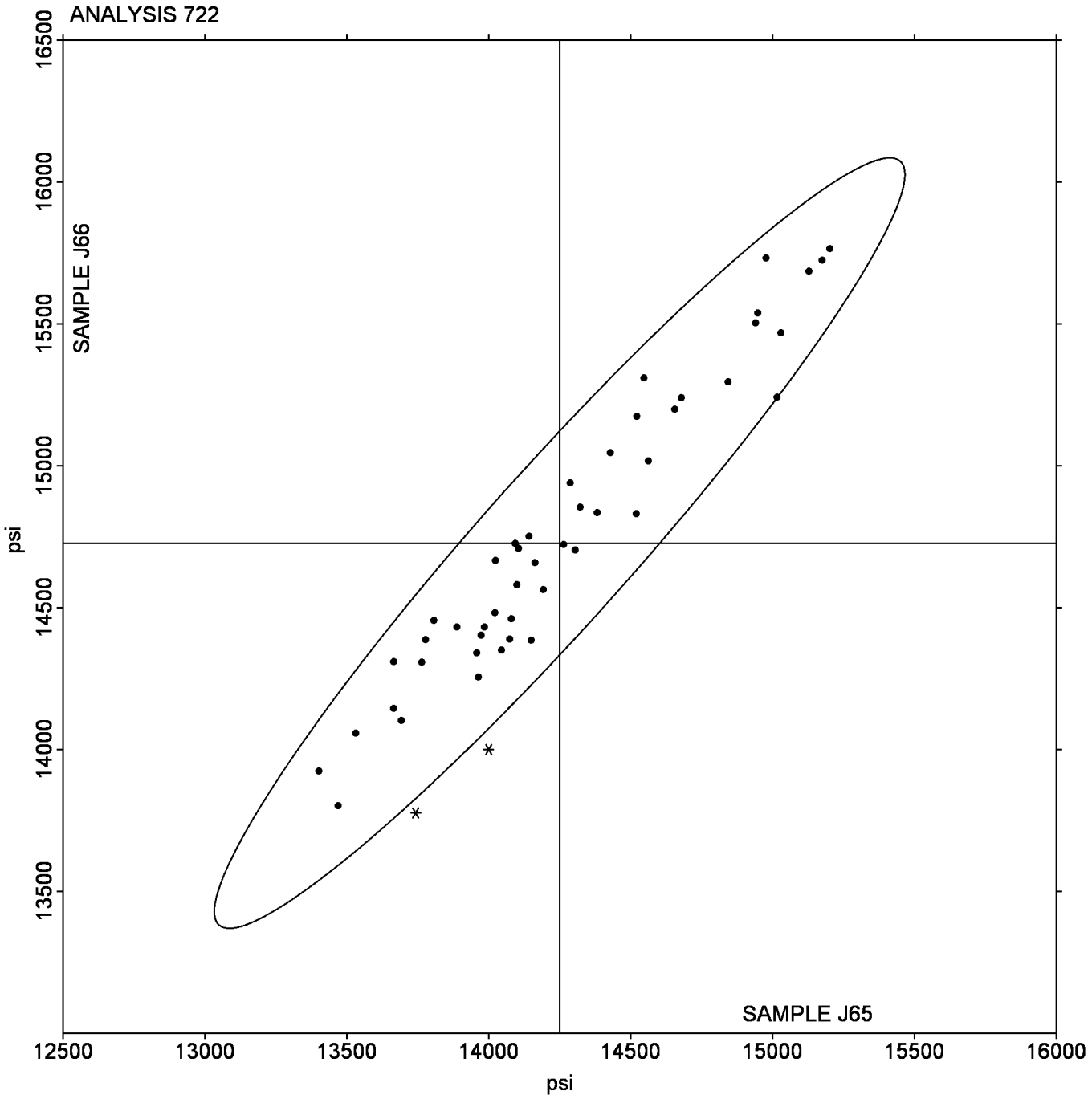
X9BJCL (X) - Extreme data.

Plastics Interlaboratory Testing Program

Analysis 722

Flexural Stress at Yield - psi

Grand Mean Sample J65: 14,249.59 psi **Grand Mean Sample J66:** 14,727.68 psi



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 736

Flexural Modulus - MPa

WebCode	Data Flag	Sample K65 Lab Mean	Sample K65 Diff from Grand Mean	Sample K65 CPV	Sample K66 Lab Mean	Sample K66 Diff from Grand Mean	Sample K66 CPV
16KXG6		2,352	-124	-1.67	2,255	-133	-1.97
1AMLGE		2,468	-9	-0.12	2,390	1	0.02
1PL6T6		2,444	-33	-0.44	2,394	5	0.08
1UCGMH		2,543	66	0.89	2,430	42	0.61
1WVMZT		2,466	-11	-0.14	2,382	-7	-0.10
28UZ7B		2,537	61	0.82	2,451	62	0.91
2A42BN		2,628	152	2.04	2,523	134	1.98
3XC957		2,465	-12	-0.16	2,351	-38	-0.56
4ZUEWU		2,468	-8	-0.11	2,398	10	0.14
5479S4		2,520	43	0.58	2,407	19	0.27
5FBCKL		2,509	33	0.44	2,423	35	0.51
7ZLZCX		2,540	64	0.86	2,443	55	0.80
8TUD2G	X	2,451	-25	-0.34	2,262	-127	-1.87
986DHS		2,455	-21	-0.29	2,378	-11	-0.16
9DXV5Y		2,474	-2	-0.03	2,386	-3	-0.04
B33NTK		2,510	33	0.44	2,417	29	0.42
B8A9LP		2,427	-50	-0.67	2,351	-37	-0.55
B8S9FD		2,523	47	0.63	2,447	59	0.86
BAMF6A		2,552	76	1.02	2,462	74	1.09
BKFVK2		2,456	-21	-0.28	2,372	-17	-0.25
BP9F6Q		2,459	-17	-0.23	2,391	3	0.04
BRL28Y		2,382	-94	-1.27	2,289	-100	-1.48
DMXCQH		2,499	22	0.30	2,412	23	0.34
DRNWFF		2,491	15	0.20	2,431	43	0.63
FK45N7		2,487	11	0.15	2,400	12	0.17
G84SZ5		2,516	39	0.53	2,419	31	0.45
GC1CYA		2,467	-9	-0.12	2,360	-29	-0.42
K3M4SD		2,433	-43	-0.58	2,334	-55	-0.81
KJBX9B	X	2,406	-71	-0.95	2,190	-199	-2.93
LSF3TS	X	2,445	-32	-0.43	2,419	30	0.45
MXJSM5		2,495	19	0.25	2,405	16	0.24
NBFCET	X	2,059	-417	-5.62	1,994	-395	-5.83

Plastics Interlaboratory Testing Program

Analysis 736

Flexural Modulus - MPa

WebCode	Data Flag	Sample K65 Lab Mean	Sample K65 Diff from Grand Mean	Sample K65 CPV	Sample K66 Lab Mean	Sample K66 Diff from Grand Mean	Sample K66 CPV
P7BLPM		2,504	28	0.37	2,405	16	0.24
PL1A55		2,406	-71	-0.96	2,329	-60	-0.88
PS225E		2,468	-9	-0.12	2,372	-17	-0.25
Q7NFVL	*	2,659	183	2.46	2,538	150	2.21
RZ3V7Z		2,493	16	0.22	2,409	21	0.31
SAT4WS		2,433	-43	-0.58	2,358	-31	-0.45
STU8XR		2,431	-45	-0.61	2,336	-53	-0.78
T1KVWR		2,383	-93	-1.25	2,328	-60	-0.89
TF35QH		2,541	64	0.87	2,429	40	0.59
TXTYYM		2,400	-77	-1.04	2,353	-36	-0.53
TZM75Q		2,337	-139	-1.87	2,258	-131	-1.93
U3CWYN		2,313	-163	-2.20	2,231	-157	-2.32
U9M9VE	X	2,260	-217	-2.92	2,324	-65	-0.96
XT1RKP		2,514	38	0.51	2,420	32	0.47
XX7HDU		2,357	-120	-1.62	2,284	-105	-1.54
Y7U8MM		2,465	-12	-0.16	2,355	-34	-0.50
YZ1GRK		2,641	164	2.21	2,553	165	2.43
Z9YQG2		2,420	-57	-0.76	2,338	-51	-0.75
ZQMZEC		2,588	112	1.50	2,480	92	1.35

Summary Statistics

	Sample K65	Sample K66
Grand Means	2,476.6 MPa	2,388.7 MPa
Stnd Dev Btwn Labs	74.3 MPa	67.8 MPa

Statistics based on 46 of 51 reporting participants

Sample K65: ABS **&** **Sample K66:** ABS

Plastics Interlaboratory Testing Program
Analysis 736
Flexural Modulus - MPa

Comments on assigned Data Flags for Test #736

8TUD2G (X) - Inconsistent in testing between samples.

KJBX9B (X) - Inconsistent in testing between samples, data for Sample K66 are low. Inconsistent in testing within Sample K66.

LSF3TS (X) - Inconsistent in testing between samples and inconsistent in testing within both samples.

NBFCET (X) - Low data for all samples.

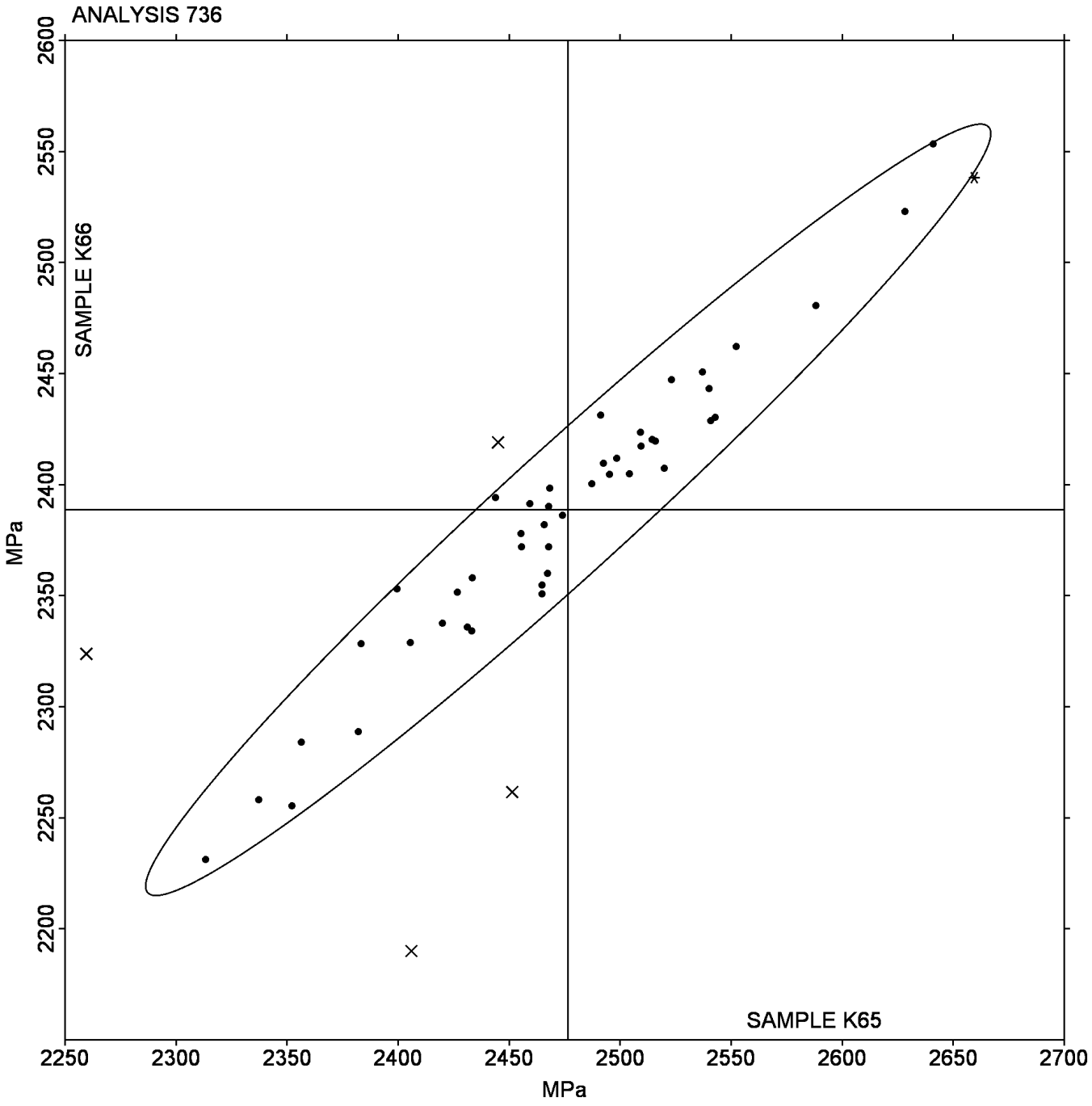
U9M9VE (X) - Inconsistent in testing between samples, data for Sample K65 are low.

Plastics Interlaboratory Testing Program

Analysis 736

Flexural Modulus - MPa

Grand Mean Sample K65: 2,476.60 MPa **Grand Mean Sample K66:** 2,388.66 MPa



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 737

Flexural Stress at 3.5% Strain - MPa

WebCode	Data Flag	Sample K65 Lab Mean	Sample K65 Diff from Grand Mean	Sample K65 CPV	Sample K66 Lab Mean	Sample K66 Diff from Grand Mean	Sample K66 CPV
22KC89		74.12	-0.44	-0.27	71.00	-0.54	-0.34
2PHAST		76.66	2.10	1.30	72.84	1.30	0.81
2U2MJE	X	66.20	-8.36	-5.16	63.42	-8.12	-5.08
2UC382		76.97	2.41	1.49	73.90	2.36	1.48
47VHBS	*	72.36	-2.20	-1.36	68.10	-3.44	-2.15
59D3LZ		75.54	0.99	0.61	72.68	1.14	0.71
68EQFT		75.36	0.80	0.50	71.88	0.34	0.21
6N9AZ2		73.48	-1.08	-0.66	70.96	-0.58	-0.36
77EM7V	X	75.40	0.84	0.52	74.20	2.66	1.66
7UJXXH		74.24	-0.32	-0.20	71.65	0.11	0.07
8VQJPA		72.11	-2.45	-1.51	69.35	-2.19	-1.37
98SK6Y		74.42	-0.13	-0.08	71.52	-0.02	-0.01
AJYKVH		73.99	-0.56	-0.35	71.04	-0.50	-0.31
CAPBKE		75.40	0.85	0.52	73.25	1.70	1.07
CKPVWF		75.04	0.48	0.30	72.42	0.88	0.55
D1JQ6D		75.50	0.95	0.58	72.17	0.63	0.39
D6PH7W		70.68	-3.87	-2.39	68.29	-3.25	-2.04
EXR12Y		76.51	1.95	1.21	73.30	1.76	1.10
GDQZYR		73.44	-1.11	-0.69	70.40	-1.14	-0.72
K8TXM9		74.30	-0.25	-0.16	71.22	-0.32	-0.20
KWSC4Q		74.60	0.04	0.02	72.28	0.74	0.46
KY7KVR		72.47	-2.09	-1.29	69.42	-2.12	-1.33
M4R1BZ		75.30	0.75	0.46	72.18	0.64	0.40
MR2X5F		75.97	1.41	0.87	72.85	1.31	0.82
MTBWM3		77.94	3.39	2.09	74.65	3.11	1.95
PMPXX7		76.36	1.81	1.12	72.71	1.17	0.73
PPPM6W		74.40	-0.16	-0.10	71.02	-0.52	-0.33
QCF4GQ		72.53	-2.02	-1.25	70.31	-1.24	-0.77
SYFV2N		76.25	1.69	1.04	73.16	1.62	1.01
TES34J		76.24	1.68	1.04	73.26	1.71	1.07
TZ9TAS		73.84	-0.71	-0.44	70.93	-0.62	-0.39
UU2UCN		72.75	-1.81	-1.12	69.07	-2.48	-1.55

Plastics Interlaboratory Testing Program

Analysis 737

Flexural Stress at 3.5% Strain - MPa

WebCode	Data Flag	Sample K65 Lab Mean	Sample K65 Diff from Grand Mean	Sample K65 CPV	Sample K66 Lab Mean	Sample K66 Diff from Grand Mean	Sample K66 CPV
UWNN3W		74.39	-0.17	-0.10	71.37	-0.17	-0.11
YZLKD6		72.62	-1.93	-1.19	69.49	-2.05	-1.29
ZTQYEW		75.30	0.75	0.46	72.96	1.42	0.89
ZZNNV1		73.82	-0.74	-0.46	70.81	-0.73	-0.46

Summary Statistics

	Sample K65	Sample K66
Grand Means	74.556 MPa	71.542 MPa
Stnd Dev Btwn Labs	1.619 MPa	1.597 MPa

Statistics based on 34 of 36 reporting participants

Sample K65: ABS **& Sample K66:** ABS

Comments on assigned Data Flags for Test #737

2U2MJE (X) - Low data for all samples.

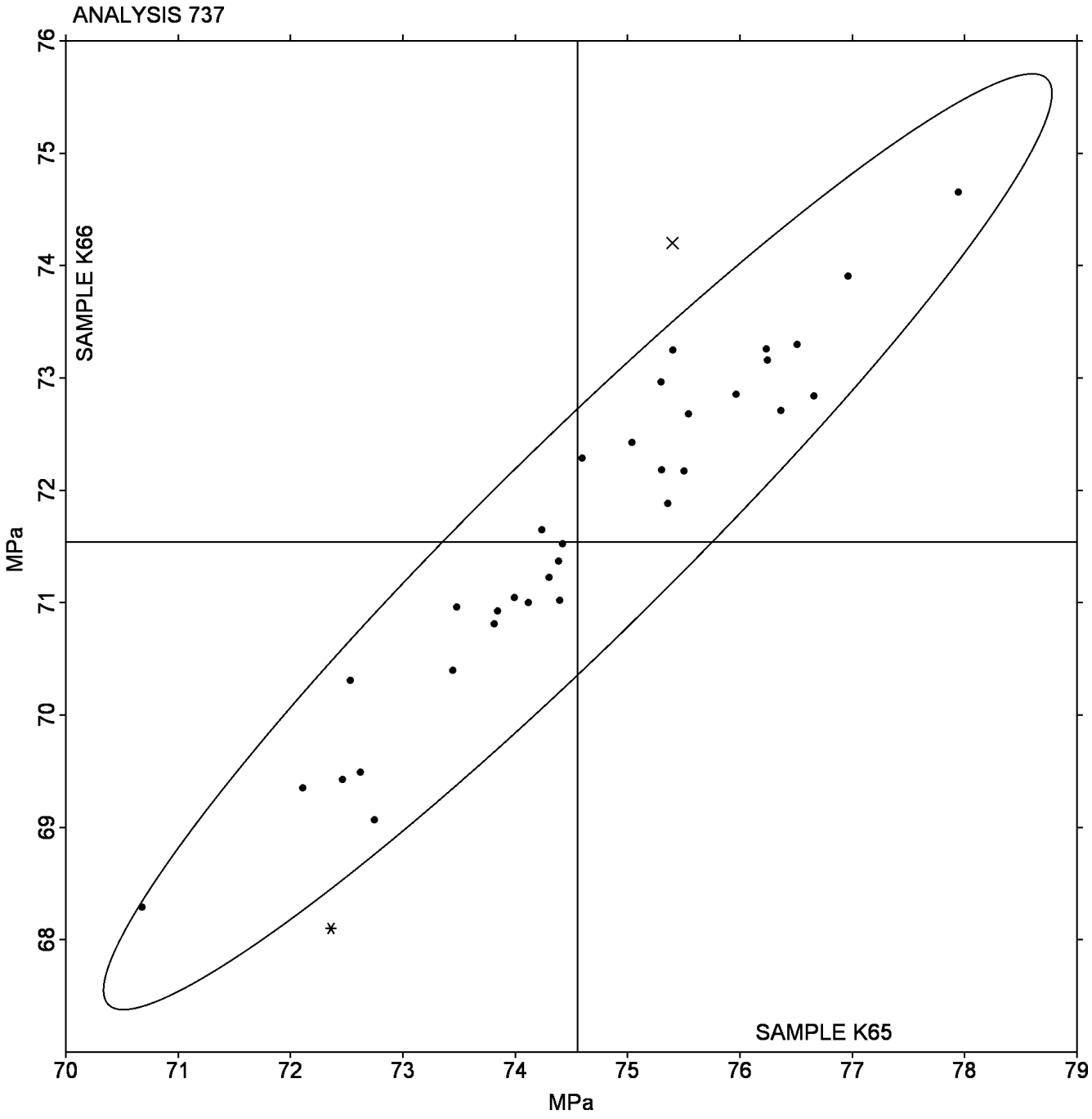
77EM7V (X) - Inconsistent in testing between samples.

Plastics Interlaboratory Testing Program

Analysis 737

Flexural Stress at 3.5% Strain - MPa

Grand Mean Sample K65: 74.556 MPa **Grand Mean Sample K66:** 71.542 MPa



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 738

Flexural Stress at Yield - MPa

WebCode	Data Flag	Sample K65 Lab Mean	Sample K65 Diff from Grand Mean	Sample K65 CPV	Sample K66 Lab Mean	Sample K66 Diff from Grand Mean	Sample K66 CPV
2A1YF6		74.22	-0.96	-0.46	72.00	-0.79	-0.40
5UM5L5		71.93	-3.25	-1.56	69.92	-2.87	-1.46
6NK9PR		76.91	1.72	0.83	74.40	1.61	0.82
7CSA3L		76.11	0.92	0.44	73.83	1.04	0.53
8AJM1D		77.14	1.95	0.94	75.07	2.29	1.16
8SM4CJ		77.18	2.00	0.96	74.35	1.56	0.79
AX2MBA		72.38	-2.80	-1.35	69.75	-3.03	-1.54
FYSMVP		73.91	-1.28	-0.61	71.47	-1.32	-0.67
GJ5CBK		77.18	2.00	0.96	74.48	1.69	0.86
H4EXCQ		74.60	-0.59	-0.28	72.28	-0.51	-0.26
JUNKAR		76.14	0.95	0.46	74.50	1.71	0.87
K5JJPV		74.39	-0.79	-0.38	72.55	-0.24	-0.12
KBXTQC		76.00	0.81	0.39	74.05	1.26	0.64
KHWNAJ		77.28	2.10	1.01	74.28	1.49	0.76
LCPAE6		75.58	0.40	0.19	73.10	0.31	0.16
MKLSKP		73.62	-1.57	-0.75	71.30	-1.48	-0.75
MQJ98T		77.25	2.07	0.99	74.75	1.96	1.00
TJ6BDG		71.48	-3.71	-1.78	69.52	-3.27	-1.66
UQML8R		75.50	0.32	0.15	72.48	-0.31	-0.16
UUFBB7		75.09	-0.09	-0.05	72.71	-0.08	-0.04
VXSJ5L		70.00	-5.19	-2.49	68.09	-4.70	-2.38
W2VGNJ		78.73	3.55	1.70	75.93	3.14	1.59
XRMCTF		77.91	2.72	1.31	75.37	2.59	1.31
Y3ZTDK	*	74.02	-1.16	-0.56	70.74	-2.05	-1.04
Z74P5S		75.08	-0.10	-0.05	73.00	0.21	0.11
Z7DSJB		75.23	0.05	0.02	72.52	-0.27	-0.14
ZQKBXL		75.11	-0.08	-0.04	72.84	0.05	0.02

Plastics Interlaboratory Testing Program

Analysis 738

Flexural Stress at Yield - MPa

Summary Statistics

Grand Means		
	75.184 MPa	72.788 MPa
Stnd Dev Btwn Labs		
	2.081 MPa	1.970 MPa

Statistics based on 27 of 27 reporting participants

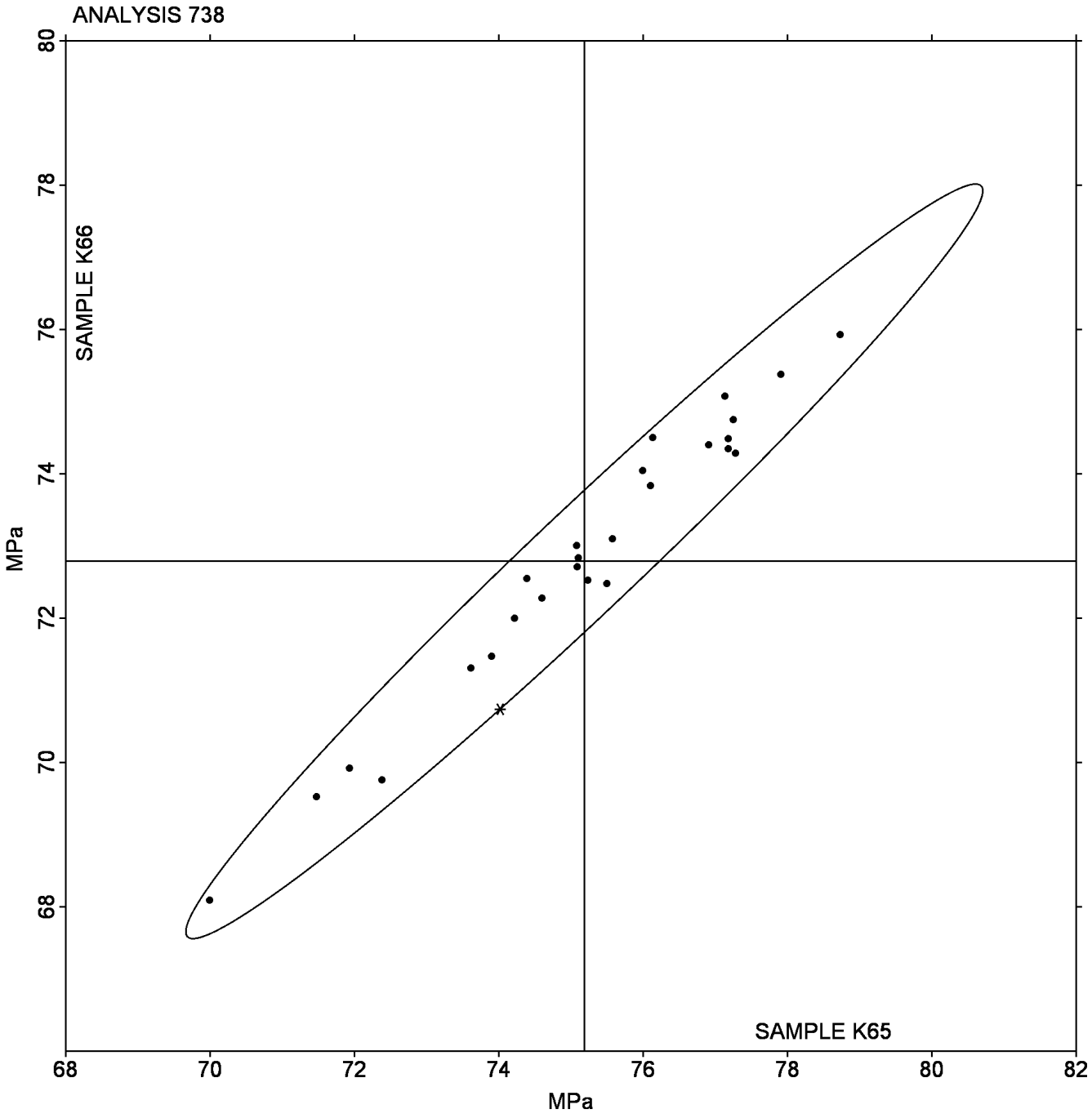
Sample K65: ABS **&** **Sample K66:** ABS

Plastics Interlaboratory Testing Program

Analysis 738

Flexural Stress at Yield - MPa

Grand Mean Sample K65: 75.184 MPa **Grand Mean Sample K66:** 72.788 MPa



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 790

Notched Izod Impact - ft.lbf/in

WebCode	Data Flag	Sample S65 Lab Mean	Sample S65 Diff from Grand Mean	Sample S65 CPV	Sample S66 Lab Mean	Sample S66 Diff from Grand Mean	Sample S66 CPV	Instr Code
116SEZ		3.72	-0.15	-0.46	4.50	-0.10	-0.22	WZ
14Q633	*	3.74	-0.13	-0.40	5.27	0.67	1.48	TO
1MSY5F		3.42	-0.45	-1.41	3.72	-0.89	-1.96	CE
1TRWRS		3.96	0.09	0.29	5.13	0.53	1.17	TM
23LLTL	X	4.45	0.58	1.82	3.96	-0.65	-1.43	TO
2XH2SV		3.67	-0.20	-0.62	4.76	0.16	0.35	XX
37Z7VC		3.70	-0.17	-0.54	4.57	-0.04	-0.08	TM
3DXCSE		3.67	-0.20	-0.62	4.06	-0.54	-1.20	TO
3QD5B8	*	4.40	0.53	1.66	4.64	0.04	0.09	TM
3ZY9H7		3.93	0.06	0.17	4.64	0.04	0.09	CE
43ULJC	*	3.05	-0.82	-2.57	3.29	-1.31	-2.89	TM
4Z9JQL	X	5.96	2.09	6.52	6.29	1.69	3.74	CE
559FHW		3.77	-0.10	-0.32	4.30	-0.30	-0.67	WY
5MAUTD		4.00	0.13	0.40	4.79	0.19	0.42	TO
5NVW36		4.31	0.44	1.37	4.94	0.33	0.74	TO
5VD27C		4.23	0.36	1.13	4.84	0.24	0.53	TO
5X3PF7		4.09	0.22	0.67	4.73	0.13	0.29	CE
6PD43M		4.23	0.36	1.11	4.99	0.38	0.85	TM
6WMLE1		4.39	0.52	1.63	5.07	0.47	1.04	TM
71D61V		3.74	-0.13	-0.39	4.56	-0.04	-0.09	TM
7G8GYZ		4.20	0.33	1.02	4.88	0.28	0.61	TO
7GRZUD		4.00	0.13	0.42	5.12	0.52	1.15	TM
7M9K7Z		3.98	0.11	0.35	5.00	0.40	0.88	TM
8F8MCU		3.69	-0.18	-0.57	4.52	-0.08	-0.18	TO
8FT69E		3.70	-0.17	-0.51	4.56	-0.04	-0.09	TM
8VZ1AE	*	2.96	-0.91	-2.83	3.25	-1.35	-2.99	XX
9FQDX5		3.48	-0.39	-1.22	4.16	-0.44	-0.97	TO
9GR8YN		3.85	-0.02	-0.06	4.25	-0.36	-0.79	TM
9NY2LB		3.29	-0.58	-1.80	3.59	-1.01	-2.23	CE
AQW8DG		4.01	0.14	0.45	4.80	0.20	0.45	TM
AZFVWW		3.66	-0.21	-0.66	4.83	0.23	0.51	TO
AZRWJR		4.13	0.26	0.81	4.82	0.21	0.47	TO

Plastics Interlaboratory Testing Program

Analysis 790

Notched Izod Impact - ft.lbf/in

WebCode	Data Flag	Sample S65 Lab Mean	Sample S65 Diff from Grand Mean	Sample S65 CPV	Sample S66 Lab Mean	Sample S66 Diff from Grand Mean	Sample S66 CPV	Instr Code
BCH64X		4.04	0.17	0.53	4.41	-0.20	-0.43	CS
BQQ6JN		3.14	-0.73	-2.27	3.52	-1.08	-2.38	TM
BVE7QU		4.03	0.16	0.50	4.97	0.37	0.82	CE
BVRZDW		3.78	-0.09	-0.28	4.49	-0.11	-0.25	TO
CHJGDF		4.14	0.27	0.84	4.71	0.11	0.24	TM
CS9HVY		3.75	-0.12	-0.37	4.69	0.09	0.20	CE
CU8LZT		3.66	-0.21	-0.65	4.41	-0.20	-0.43	TO
D3H1U8		3.90	0.03	0.08	4.59	-0.01	-0.02	TM
D3RUXF		3.59	-0.28	-0.89	4.26	-0.35	-0.76	TM
D5JAF9		3.68	-0.19	-0.60	4.40	-0.20	-0.44	BA
EQC67Q		3.93	0.06	0.20	4.98	0.38	0.83	TO
F29GJV		3.84	-0.03	-0.08	4.30	-0.30	-0.67	TM
GAQ78M		3.74	-0.13	-0.41	4.56	-0.04	-0.09	TO
GLTYV1		3.78	-0.09	-0.27	4.51	-0.09	-0.19	BA
GM92W7		4.02	0.15	0.48	5.38	0.78	1.72	TM
HVNKA5		4.05	0.18	0.57	4.60	0.00	-0.01	TM
J27QHJ		3.68	-0.19	-0.60	4.35	-0.26	-0.57	CE
JECCL2		3.64	-0.23	-0.72	4.18	-0.42	-0.93	CE
JJ2W9S	X	2.37	-1.50	-4.66	2.58	-2.02	-4.48	XX
K9ESZB	X	4.59	0.72	2.26	4.36	-0.24	-0.53	TM
L1GG6S		3.49	-0.38	-1.17	4.61	0.00	0.01	TO
LJM44S		3.60	-0.27	-0.85	4.52	-0.08	-0.18	TO
LM9H48		4.50	0.63	1.96	5.50	0.90	1.99	TO
LUHDDU		4.03	0.16	0.51	4.75	0.15	0.33	TM
MK1QHZ		3.86	-0.01	-0.03	4.75	0.14	0.32	TO
NFGZQA		3.84	-0.03	-0.09	4.48	-0.13	-0.28	TO
NHKHHJ		4.07	0.20	0.61	4.57	-0.03	-0.07	TO
PDE9K8		3.85	-0.02	-0.06	4.90	0.30	0.66	TM
PP4K47		4.58	0.71	2.21	5.53	0.93	2.06	BA
PUDJVZ	X	5.08	1.21	3.76	3.19	-1.41	-3.12	TO
PYNF42		3.98	0.11	0.35	4.82	0.22	0.48	BA
Q88H5E		4.15	0.28	0.87	4.74	0.14	0.30	TY

Plastics Interlaboratory Testing Program

Analysis 790

Notched Izod Impact - ft.lbf/in

WebCode	Data Flag	Sample S65 Lab Mean	Sample S65 Diff from Grand Mean	Sample S65 CPV	Sample S66 Lab Mean	Sample S66 Diff from Grand Mean	Sample S66 CPV	Instr Code
Q89UR4		4.10	0.23	0.70	4.60	0.00	0.00	TM
R1GC8K		3.96	0.09	0.28	4.99	0.39	0.86	TO
RH16Y9		4.04	0.17	0.53	4.78	0.18	0.40	TM
RJ1S5N		4.06	0.19	0.59	4.96	0.36	0.80	CS
RNN34Y	*	4.29	0.42	1.30	5.75	1.14	2.53	XX
RNSD8G		4.00	0.13	0.40	4.60	0.00	0.01	CE
RQUFYR		3.95	0.08	0.24	4.24	-0.36	-0.81	TM
S2DCDG		4.21	0.34	1.06	4.74	0.14	0.30	TM
S9RWD2		3.41	-0.46	-1.42	3.83	-0.77	-1.70	TO
SLD4VA		3.54	-0.33	-1.02	4.49	-0.11	-0.25	TO
SZKKYD		4.13	0.26	0.80	4.86	0.26	0.57	TM
U1G4F5		4.16	0.29	0.90	4.83	0.23	0.51	TO
VTVW9C		3.62	-0.25	-0.77	4.20	-0.40	-0.89	TM
W163FM		4.34	0.47	1.46	4.93	0.33	0.73	TO
XHYBUJ		4.30	0.43	1.35	4.88	0.28	0.61	TM
XJKB57		3.68	-0.19	-0.60	4.23	-0.37	-0.82	TO
Y6X8QN		3.55	-0.32	-1.01	4.39	-0.21	-0.47	CE
YUMY4J	X	0.46	-3.41	-10.62	0.52	-4.08	-9.02	TO
Z8VDDS		3.56	-0.31	-0.98	4.28	-0.32	-0.71	TO
ZDUGPY		4.15	0.28	0.87	4.72	0.12	0.27	CE
ZKZ3XG		3.35	-0.52	-1.62	4.17	-0.43	-0.95	CE

Summary Statistics

Grand Means

3.870 ft.lbf/in — 4.601 ft.lbf/in

Stnd Dev Btwn Labs

0.321 ft.lbf/in — 0.452 ft.lbf/in

Statistics based on 79 of 85 reporting participants

Sample S65: HIPS **& Sample S66:** HIPS

Plastics Interlaboratory Testing Program
Analysis 790
Notched Izod Impact - ft.lbf/in

Comments on assigned Data Flags for Test #790

23LLTL (X) - Inconsistent in testing between samples and inconsistent in testing within both samples.

4Z9JQL (X) - High data for all samples.

JJ2W9S (X) - Low data for all samples.

K9ESZB (X) - Inconsistent in testing between samples.

PUDJVZ (X) - Inconsistent in testing between samples. High data for Sample S65 and low data for Sample S66.

YUMY4J (X) - Extreme data. Data may be off by a factor of 10.

Instrument Code List as Reported by the Labs

(BA) - Baldwin

(CE) - Ceast

(CS) - CSI

(TM) - TMI

(TO) - Tinius Olsen

(TY) - Toyoseiki

(WY) - Yasuda Seiki

(WZ) - Zwick

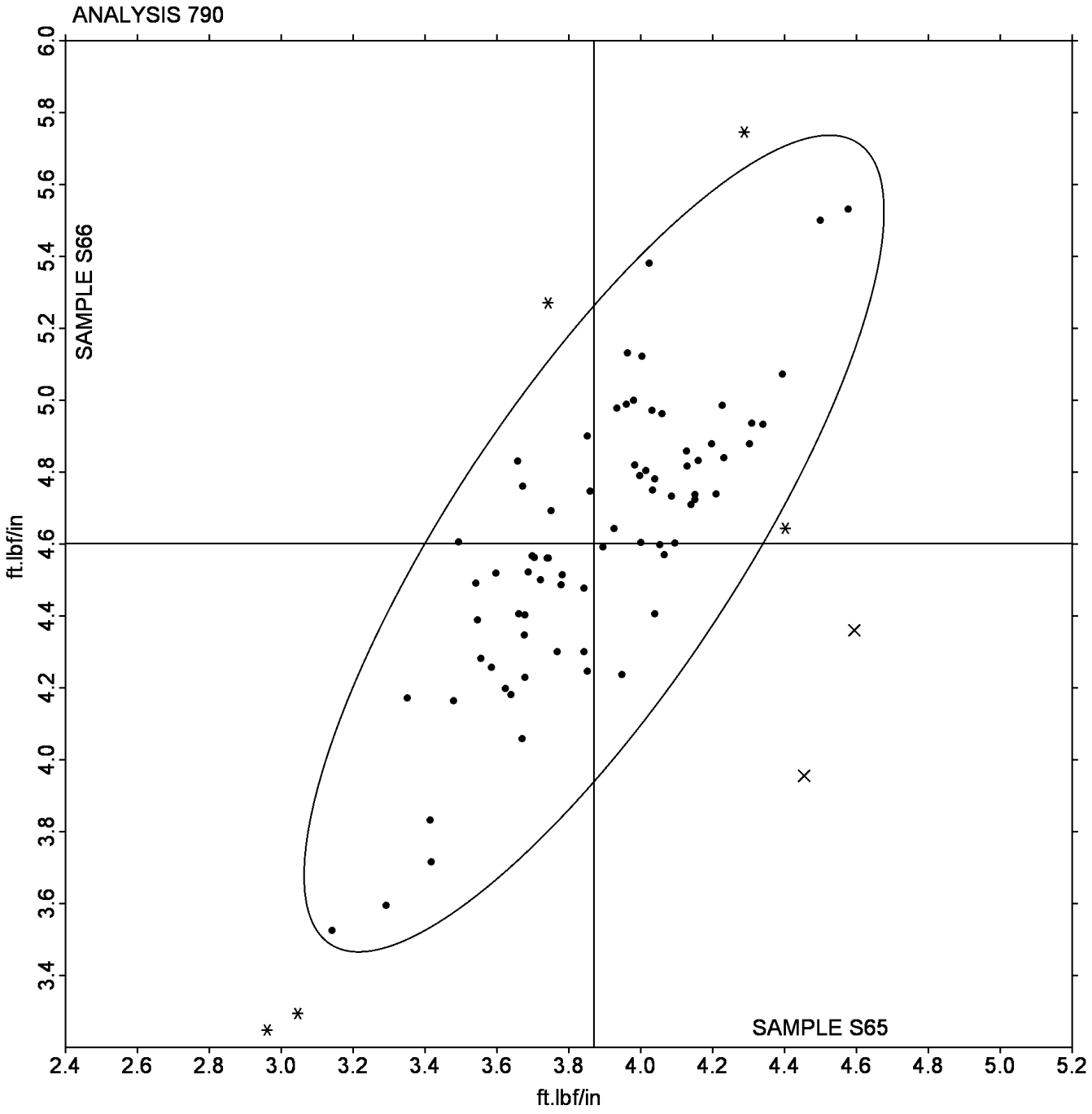
(XX) - Instrument manufacturer not specified by lab

Plastics Interlaboratory Testing Program

Analysis 790

Notched Izod Impact - ft.lbf/in

Grand Mean Sample S65: 3.8701 ft.lbf/in **Grand Mean Sample S66:** 4.6014 ft.lbf/in



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 792

Notched Charpy Impact - kJ/m^2

WebCode	Data Flag	Sample M65 Lab Mean	Sample M65 Diff from Grand Mean	Sample M65 CPV	Sample M66 Lab Mean	Sample M66 Diff from Grand Mean	Sample M66 CPV	Instr Code
11AMJK		23.37	1.95	1.22	28.72	-1.89	-0.92	TM
25U7D1		21.89	0.48	0.30	29.88	-0.73	-0.36	XX
36GACK		23.20	1.79	1.11	31.68	1.07	0.52	TM
7ZZNXQ		20.62	-0.80	-0.50	26.77	-3.84	-1.88	TO
9KJHPN		20.16	-1.26	-0.78	30.00	-0.61	-0.30	TM
9LQYPE		22.01	0.59	0.37	28.61	-2.00	-0.98	TO
A5FKT3		23.14	1.72	1.07	30.75	0.14	0.07	WZ
BEW4HL		21.89	0.47	0.29	32.08	1.47	0.72	TM
CN9VXG		21.20	-0.22	-0.13	30.63	0.02	0.01	CE
D1RPQF		20.24	-1.17	-0.73	29.33	-1.29	-0.63	TM
DGACS5	*	25.77	4.35	2.71	33.10	2.49	1.22	PO
E4YKF4		21.74	0.32	0.20	31.44	0.83	0.41	TO
FY2F2Q		20.89	-0.53	-0.33	34.08	3.47	1.70	CE
GH5K34		20.55	-0.87	-0.54	29.34	-1.27	-0.62	TO
GXNUVV		19.38	-2.04	-1.27	28.70	-1.91	-0.93	CE
HDMN1M		20.72	-0.70	-0.43	30.41	-0.20	-0.10	TY
HLHQ1C	*	25.51	4.09	2.55	31.93	1.31	0.64	BA
HU3N8Y		20.50	-0.91	-0.57	32.06	1.44	0.71	TM
JUJZR4		22.33	0.92	0.57	32.43	1.82	0.89	XX
KJJ3LM		20.05	-1.36	-0.85	32.86	2.25	1.10	TO
KMAAYW		19.78	-1.64	-1.02	29.08	-1.53	-0.75	CE
M3TQEX		21.30	-0.12	-0.08	30.00	-0.61	-0.30	TO
M5STFD		20.52	-0.90	-0.56	30.08	-0.53	-0.26	TM
MSVUFF		22.10	0.68	0.42	28.79	-1.82	-0.89	GR
PHBTQC		20.70	-0.72	-0.45	29.51	-1.10	-0.54	TO
PQA26J		21.57	0.15	0.09	31.49	0.88	0.43	TM
PTKHMA		21.14	-0.28	-0.17	29.30	-1.31	-0.64	TO
Q4K93F	*	17.60	-3.82	-2.38	24.42	-6.20	-3.03	TM
RCG7XM		19.72	-1.70	-1.06	30.32	-0.29	-0.14	CE
SDGBMG		20.22	-1.19	-0.74	29.10	-1.51	-0.74	CE
SQE52Z		24.10	2.68	1.67	30.04	-0.57	-0.28	CE
TU6QR1	*	24.18	2.76	1.72	36.41	5.80	2.84	TM

Plastics Interlaboratory Testing Program

Analysis 792

Notched Charpy Impact - kJ/m^2

WebCode	Data Flag	Sample M65 Lab Mean	Sample M65 Diff from Grand Mean	Sample M65 CPV	Sample M66 Lab Mean	Sample M66 Diff from Grand Mean	Sample M66 CPV	Instr Code
U435QP		20.18	-1.24	-0.77	29.89	-0.72	-0.35	TM
URFKCG		21.28	-0.13	-0.08	31.82	1.20	0.59	CE
VBXLXV		21.09	-0.33	-0.20	31.05	0.44	0.21	XX
VHGTCE		21.08	-0.34	-0.21	32.72	2.11	1.03	TM
W8SZFW		20.50	-0.92	-0.57	31.30	0.69	0.34	SA
WCSKSD		21.64	0.22	0.14	32.11	1.49	0.73	KF
XCN25G		21.40	-0.02	-0.01	29.80	-0.81	-0.40	CE
XPZF2P		21.44	0.02	0.01	32.44	1.83	0.90	WZ

Summary Statistics

	Sample M65	Sample M66
Grand Means	21.418 kJ/m^2	30.612 kJ/m^2
Stnd Dev Btwn Labs	1.604 kJ/m^2	2.042 kJ/m^2

Statistics based on 40 of 40 reporting participants

Sample M65: ABS **& Sample M66:** ABS

Instrument Code List as Reported by the Labs

(BA) - Baldwin

(CE) - Ceast

(GR) - GRC

(KF) - Karl Frank GmbH

(PO) - POE

(SA) - Satec

(TM) - TMI

(TO) - Tinius Olsen

(TY) - Toyoseiki

(WZ) - Zwick

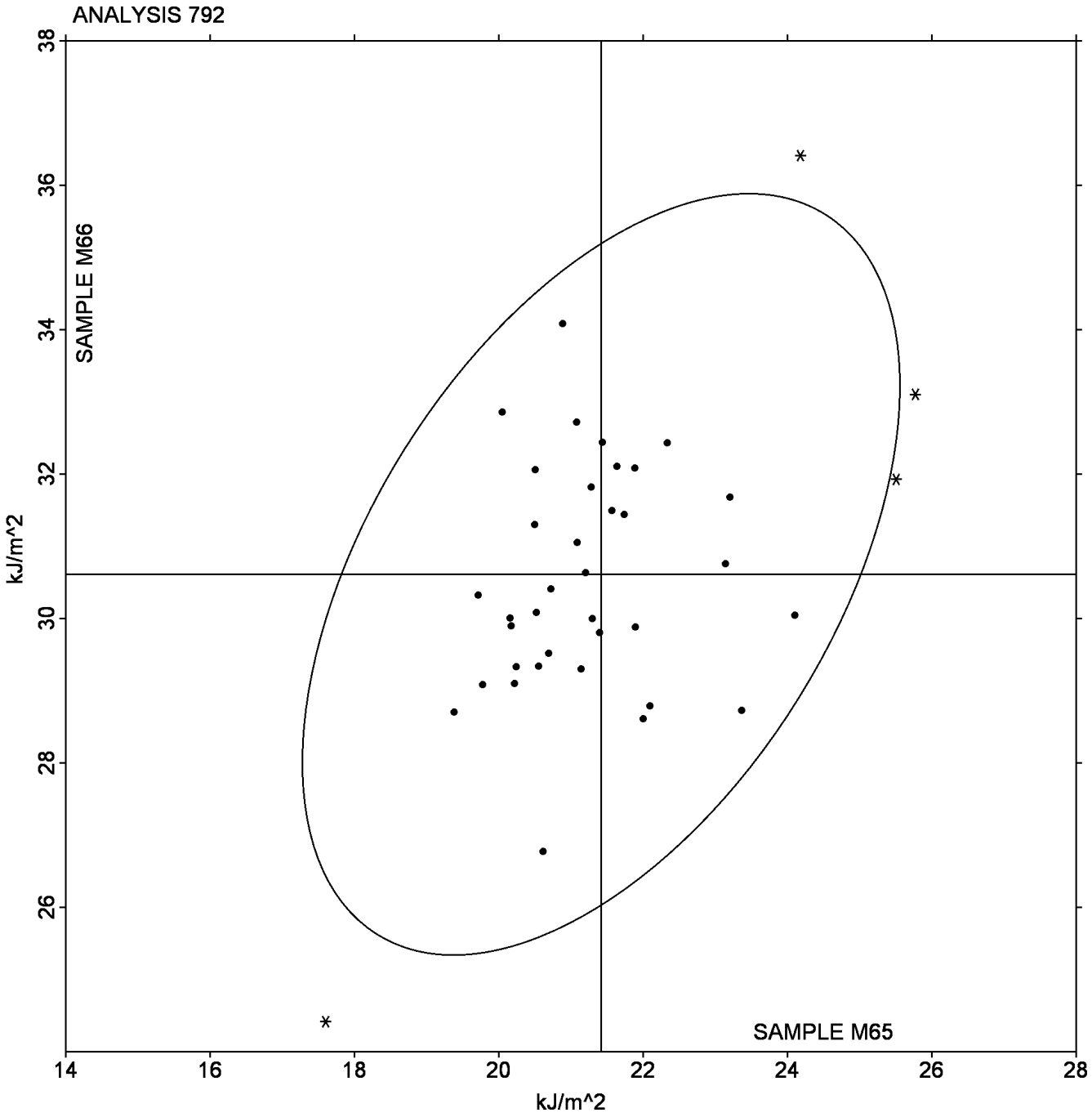
(XX) - Instrument manufacturer not specified by lab

Plastics Interlaboratory Testing Program

Analysis 792

Notched Charpy Impact - kJ/m ^ 2

Grand Mean Sample M65: 21.418 kJ/m^2 **Grand Mean Sample M66:** 30.612 kJ/m^2



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 710

Deflection Temp. Under Flexural Load (1.82 MPa) - Degrees C

WebCode	Data Flag	Sample E65 Lab Mean	Sample E65 Diff from Grand Mean	Sample E65 CPV	Sample E66 Lab Mean	Sample E66 Diff from Grand Mean	Sample E66 CPV	Instr Code
1SGV1D		76.35	-0.92	-0.80	87.98	-1.09	-0.91	XX
3S1Q2K		76.13	-1.14	-1.00	88.53	-0.54	-0.45	TO
3UTP6A		77.88	0.61	0.53	90.88	1.81	1.50	TO
472PXM	*	76.70	-0.57	-0.50	90.43	1.36	1.13	TO
47CFSJ		78.10	0.83	0.73	89.38	0.31	0.26	AT
4M1YW7		77.00	-0.27	-0.23	89.75	0.68	0.57	AT
5Y9G59	X	74.00	-3.27	-2.86	89.25	0.18	0.15	TO
6TZJCF		77.03	-0.24	-0.21	88.43	-0.64	-0.53	TY
8JE9F5		78.13	0.86	0.75	90.78	1.71	1.42	EM
9EUDXS		76.65	-0.62	-0.54	88.30	-0.77	-0.64	TO
9VXPAQ		76.93	-0.34	-0.30	89.78	0.71	0.59	CE
ARSVNZ		76.65	-0.62	-0.54	88.10	-0.97	-0.80	TO
BPES58		77.70	0.43	0.38	89.33	0.26	0.22	AT
CMX32T		77.80	0.53	0.47	89.33	0.26	0.22	TO
D997S8		77.60	0.33	0.29	89.40	0.33	0.28	XA
DDM1RE		78.20	0.93	0.82	90.65	1.58	1.32	AT
ECXV77		78.13	0.86	0.75	90.30	1.23	1.03	CE
ETBN1B		76.58	-0.69	-0.61	88.30	-0.77	-0.64	XX
FCTT1Z		75.95	-1.32	-1.15	87.75	-1.32	-1.09	TO
FSNF11		76.25	-1.02	-0.89	88.25	-0.82	-0.68	TO
GK9S1X		76.55	-0.72	-0.63	87.93	-1.14	-0.95	XX
GVMGV8		76.93	-0.34	-0.30	88.95	-0.12	-0.10	EM
HR4MDR	*	79.08	1.81	1.58	89.25	0.18	0.15	XX
JBB851		75.58	-1.69	-1.48	87.35	-1.72	-1.42	CE
JBGWUE		78.00	0.73	0.64	89.00	-0.07	-0.05	XA
JCRBW7	*	79.78	2.51	2.20	92.35	3.28	2.73	AT
JFW6MP		80.13	2.86	2.50	91.25	2.18	1.81	XX
JZRLH7		75.83	-1.44	-1.26	88.13	-0.94	-0.78	TO
KLMJC5		77.10	-0.17	-0.15	88.58	-0.49	-0.41	DN
L4XS3J		76.15	-1.12	-0.98	87.40	-1.67	-1.38	RO
L545AK		75.85	-1.42	-1.24	87.25	-1.82	-1.51	CE
LB174H		76.30	-0.97	-0.85	87.60	-1.47	-1.22	CE

Plastics Interlaboratory Testing Program

Analysis 710

Deflection Temp. Under Flexural Load (1.82 MPa) - Degrees C

WebCode	Data Flag	Sample E65 Lab Mean	Sample E65 Diff from Grand Mean	Sample E65 CPV	Sample E66 Lab Mean	Sample E66 Diff from Grand Mean	Sample E66 CPV	Instr Code
LCW8SG		78.25	0.98	0.86	89.08	0.01	0.01	CE
N8H74F		75.80	-1.47	-1.28	87.78	-1.29	-1.07	TO
PEGJQH		76.10	-1.17	-1.02	89.00	-0.07	-0.05	WY
Q6QEH3		77.13	-0.14	-0.12	89.08	0.01	0.01	CE
Q8DB4V		76.28	-0.99	-0.87	87.50	-1.57	-1.30	CE
QC528Y		79.53	2.26	1.98	89.98	0.91	0.76	XX
QHN7CC		78.73	1.46	1.28	91.00	1.93	1.61	AT
SQ6B2A		76.30	-0.97	-0.85	87.80	-1.27	-1.05	CE
U5K6US		77.80	0.53	0.47	88.78	-0.29	-0.24	AT
X18K9W		76.65	-0.62	-0.54	88.63	-0.44	-0.37	TO
Y6VS8U		77.40	0.13	0.12	89.25	0.18	0.15	CE
YUPJZZ		78.85	1.58	1.39	90.53	1.46	1.21	EM
Z9SKSD		77.98	0.71	0.62	89.88	0.81	0.67	CS

Summary Statistics

	Sample E65	Sample E66
Grand Means	77.267 Degrees C	89.065 Degrees C
Stnd Dev Btwn Labs	1.142 Degrees C	1.204 Degrees C

Statistics based on 44 of 45 reporting participants

Sample E65: ABS/PC **& Sample E66:** ABS/PC

Comments on assigned Data Flags for Test #710

5Y9G59 (X) - Inconsistent in testing between samples, high data for Sample E65. Also inconsistent in testing within both sample sets.

Instrument Code List as Reported by the Labs

(AT) - Atlas

(CE) - Ceast

(CS) - CSI

(DN) - DYNISCO

(EM) - Empire-Vortex

(RO) - Rosand

(TO) - Tinius Olsen

(TY) - Toyoseiki

(WY) - Yasuda Seiki

(XA) - Special In-House Instrument

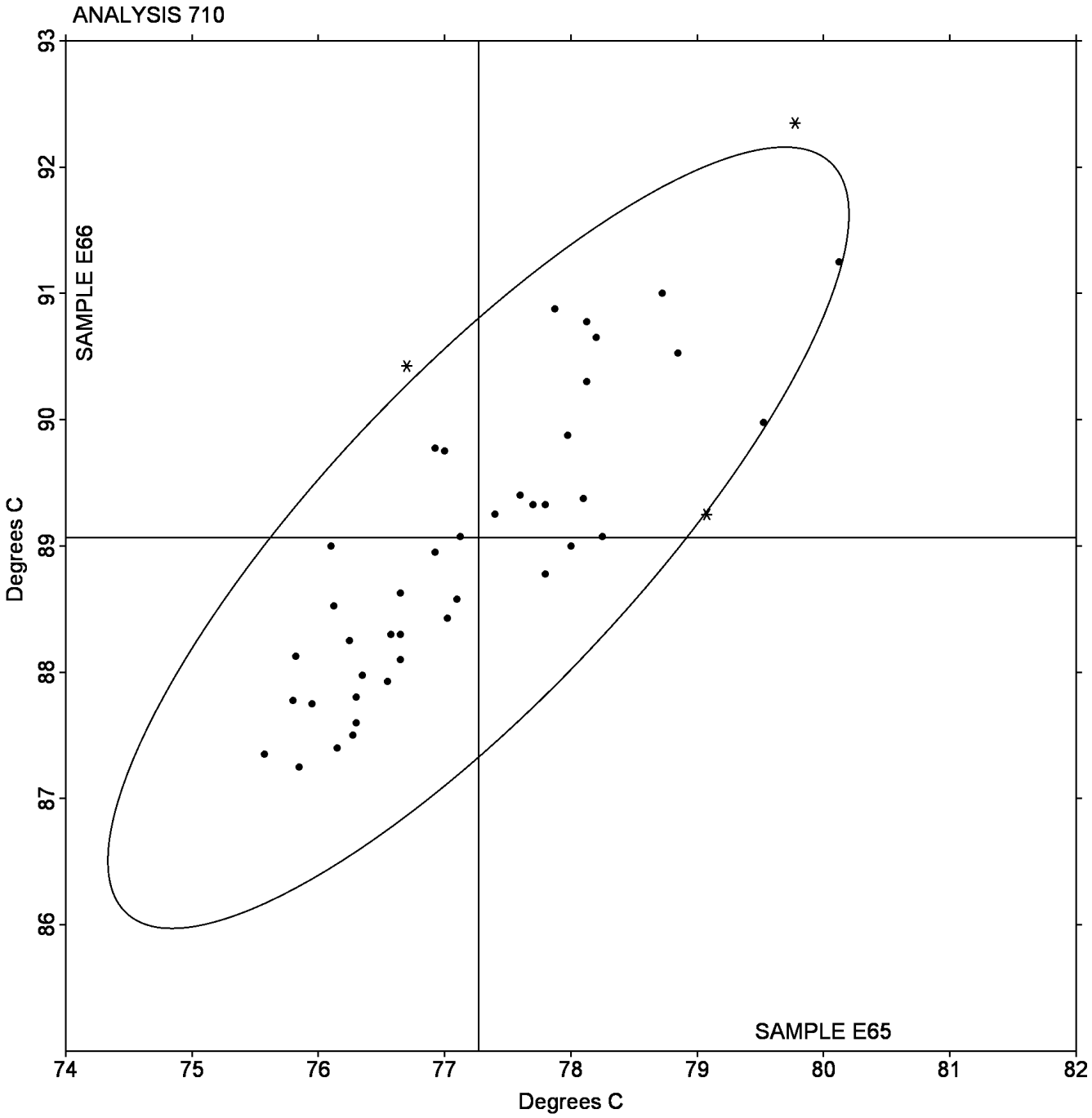
(XX) - Instrument manufacturer not specified by lab

Plastics Interlaboratory Testing Program

Analysis 710

Deflection Temp. Under Flexural Load (1.82 MPa) - Degrees C

Grand Mean Sample E65: 77.267 Degrees C **Grand Mean Sample E66:** 89.065 Degrees C



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 711

Deflection Temp. Under Flexural Load (0.455 MPa) - Degrees C

WebCode	Data Flag	Sample G65 Lab Mean	Sample G65 Diff from Grand Mean	Sample G65 CPV	Sample G66 Lab Mean	Sample G66 Diff from Grand Mean	Sample G66 CPV	Instr Code
2HM89F		85.8	0.0	-0.02	115.1	-0.2	-0.06	TO
429K64		84.7	-1.1	-0.54	111.9	-3.4	-1.23	CE
4R2DPB		88.4	2.5	1.20	116.8	1.5	0.53	XX
83GCSM		83.5	-2.3	-1.11	113.6	-1.7	-0.62	TO
9SXCEQ		85.3	-0.6	-0.29	116.4	1.1	0.39	CE
BNQV2D		83.1	-2.8	-1.34	114.2	-1.1	-0.39	CE
C6VBMX		87.2	1.3	0.62	116.6	1.3	0.47	TO
D3TL23		84.3	-1.6	-0.77	115.3	0.0	0.00	TO
DCW9UV		89.1	3.2	1.52	113.4	-1.9	-0.70	XX
E27MWR		88.3	2.5	1.16	119.1	3.8	1.37	XX
EPXRV9		82.7	-3.2	-1.51	114.8	-0.5	-0.18	TO
L3WZT3		85.8	-0.1	-0.06	110.7	-4.7	-1.70	AT
M9UMXG		83.6	-2.2	-1.06	113.9	-1.4	-0.52	TO
QMWEJ4		86.3	0.4	0.20	114.8	-0.5	-0.17	CE
R7YUHL		85.7	-0.2	-0.08	113.0	-2.3	-0.84	EM
TLSX75		89.5	3.6	1.71	119.4	4.1	1.48	EM
U32L7G		86.7	0.8	0.38	121.3	6.0	2.19	AT

Summary Statistics

Grand Means

85.87 Degrees C — 115.30 Degrees C

Stnd Dev Btwn Labs

2.11 Degrees C — 2.74 Degrees C

Statistics based on 17 of 17 reporting participants

Sample G65: PP **&** **Sample G66:** PP

Instrument Code List as Reported by the Labs

(AT) - Atlas

(CE) - Ceast

(EM) - Empire-Vortex

(TO) - Tinius Olsen

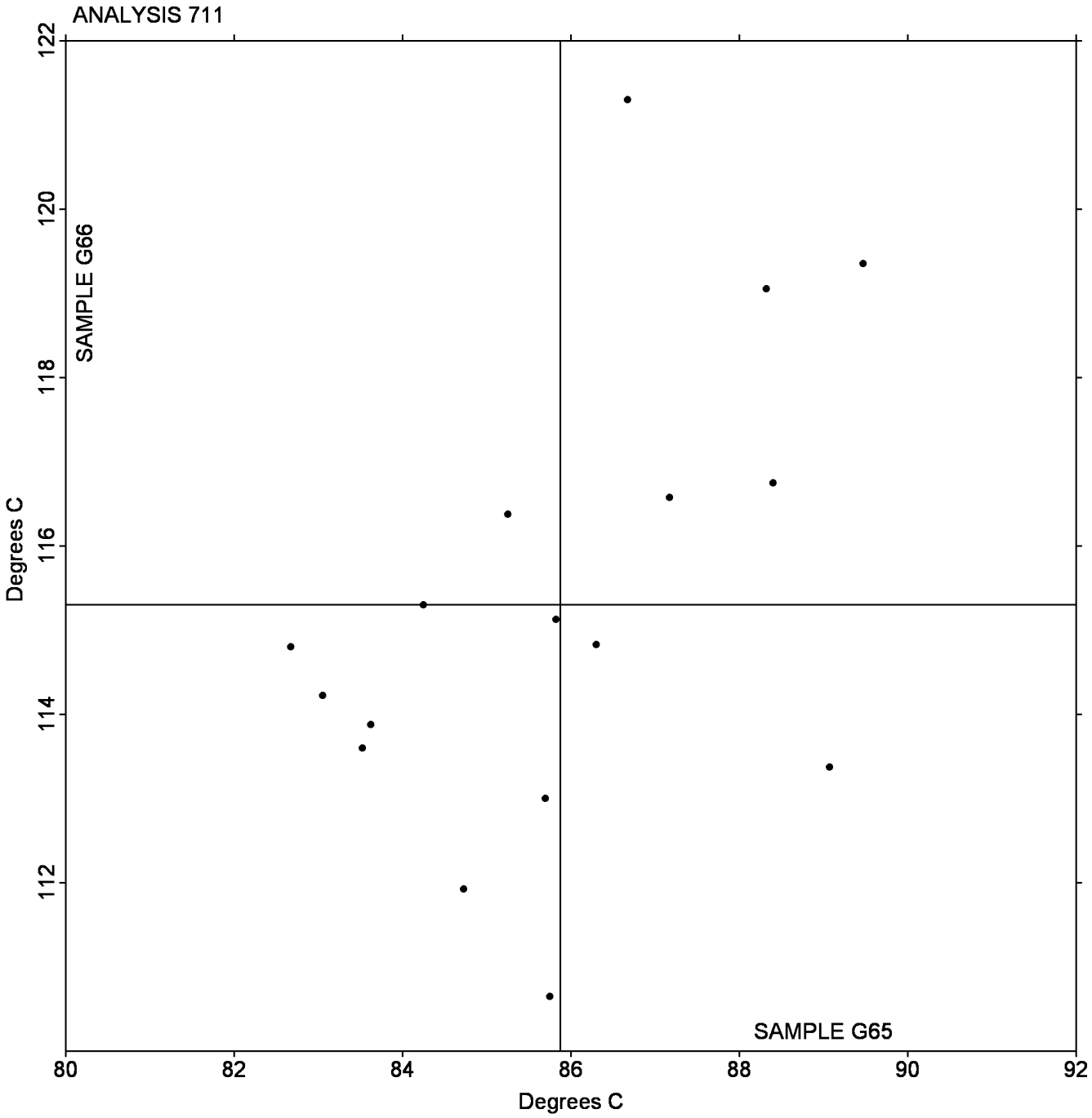
(XX) - Instrument manufacturer not specified by lab

Plastics Interlaboratory Testing Program

Analysis 711

Deflection Temp. Under Flexural Load (0.455 MPa) - Degrees C

Grand Mean Sample G65: 85.871 Degrees C **Grand Mean Sample G66:** 115.30 Degrees C



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 712

Temp. of Deflection Under Flexural Load (1.80 MPa) - Degrees C

WebCode	Data Flag	Sample N65 Lab Mean	Sample N65 Diff from Grand Mean	Sample N65 CPV	Sample N66 Lab Mean	Sample N66 Diff from Grand Mean	Sample N66 CPV	Instr Code
237Z7B		81.23	0.25	0.18	80.93	-0.14	-0.10	AT
2C3VUE		83.40	2.43	1.73	83.53	2.46	1.80	EM
3Z5NRG		82.00	1.03	0.73	81.28	0.21	0.16	AT
4GFQ1U		80.35	-0.62	-0.44	80.38	-0.69	-0.50	CS
4P1QQU		82.38	1.40	1.00	82.63	1.56	1.14	EM
4XZ8FH		81.33	0.35	0.25	81.55	0.49	0.36	TY
5DAXNG		80.53	-0.45	-0.32	80.75	-0.31	-0.23	AT
5DQ1WU	*	81.08	0.10	0.07	82.28	1.21	0.89	CE
BPD2W4		80.38	-0.60	-0.43	80.40	-0.66	-0.48	XX
BSTLR7		81.40	0.43	0.31	81.38	0.31	0.23	AT
DN346Y		82.98	2.00	1.43	83.23	2.16	1.58	AT
EE8STQ		81.13	0.15	0.11	80.73	-0.34	-0.25	TO
HV939K		80.35	-0.62	-0.44	80.65	-0.41	-0.30	CE
JL8X53		83.45	2.48	1.77	83.05	1.99	1.45	CE
JWR9M7		80.28	-0.70	-0.50	80.35	-0.71	-0.52	TO
LUX1UH		79.83	-1.15	-0.82	80.10	-0.96	-0.70	AT
MA8PRP		80.80	-0.17	-0.12	80.30	-0.76	-0.56	XX
MWHHBT		79.93	-1.05	-0.75	80.03	-1.04	-0.76	TO
N5NL1Y		81.10	0.13	0.09	80.78	-0.29	-0.21	AT
NR9GQQ		81.23	0.25	0.18	81.28	0.21	0.16	XX
PGRDQ2		81.50	0.53	0.38	81.53	0.46	0.34	CE
PZEKGF		82.95	1.98	1.41	82.58	1.51	1.11	XX
QHFKLS		82.13	1.15	0.82	82.33	1.26	0.92	CE
QWBNJ4		80.30	-0.67	-0.48	81.05	-0.01	-0.01	XX
RXB8JX		84.03	3.05	2.18	84.13	3.06	2.24	CE
T5DENX		82.33	1.35	0.97	82.55	1.49	1.09	AD
T5YZS9		80.30	-0.67	-0.48	80.45	-0.61	-0.45	AT
TE5A1R		80.40	-0.57	-0.41	80.93	-0.14	-0.10	RO
TQ4W7C		77.73	-3.25	-2.32	77.95	-3.11	-2.28	CE
U74CXV		80.20	-0.77	-0.55	80.33	-0.74	-0.54	DN
UZLZSG	X	78.68	-2.30	-1.64	80.40	-0.66	-0.48	CE
VZQN3T		81.35	0.38	0.27	81.03	-0.04	-0.03	CE

Plastics Interlaboratory Testing Program

Analysis 712

Temp. of Deflection Under Flexural Load (1.80 MPa) - Degrees C

WebCode	Data Flag	Sample N65 Lab Mean	Sample N65 Diff from Grand Mean	Sample N65 CPV	Sample N66 Lab Mean	Sample N66 Diff from Grand Mean	Sample N66 CPV	Instr Code
WNFTWF		81.23	0.25	0.18	81.00	-0.06	-0.05	AT
WVEVXE	*	77.35	-3.62	-2.59	78.05	-3.01	-2.20	XX
XCGBXR		80.23	-0.75	-0.53	80.48	-0.59	-0.43	TO
XG7AVN		79.25	-1.72	-1.23	79.43	-1.64	-1.20	XX
XX5SCQ		80.68	-0.30	-0.21	81.28	0.21	0.16	AT
XYGXUV		81.40	0.43	0.31	81.15	0.09	0.06	XX
YHRCRF	*	78.88	-2.10	-1.50	78.10	-2.96	-2.17	CE
YW1VUT		80.58	-0.40	-0.28	81.58	0.51	0.38	TO

Summary Statistics

Grand Means

80.971 Degrees C — 81.062 Degrees C

Stnd Dev Btwn Labs

1.400 Degrees C — 1.367 Degrees C

Statistics based on 39 of 40 reporting participants

Sample N65: ABS **& Sample N66:** ABS

Comments on assigned Data Flags for Test #712

UZLZSG (X) - Inconsistent in testing between samples.

Instrument Code List as Reported by the Labs

(AD) - AMETEK-DAVENPORT- LLOYD

(AT) - Atlas

(CE) - Ceast

(CS) - CSI

(DN) - DYNISCO

(EM) - Empire-Vortex

(RO) - Rosand

(TO) - Tinius Olsen

(TY) - Toyoseiki

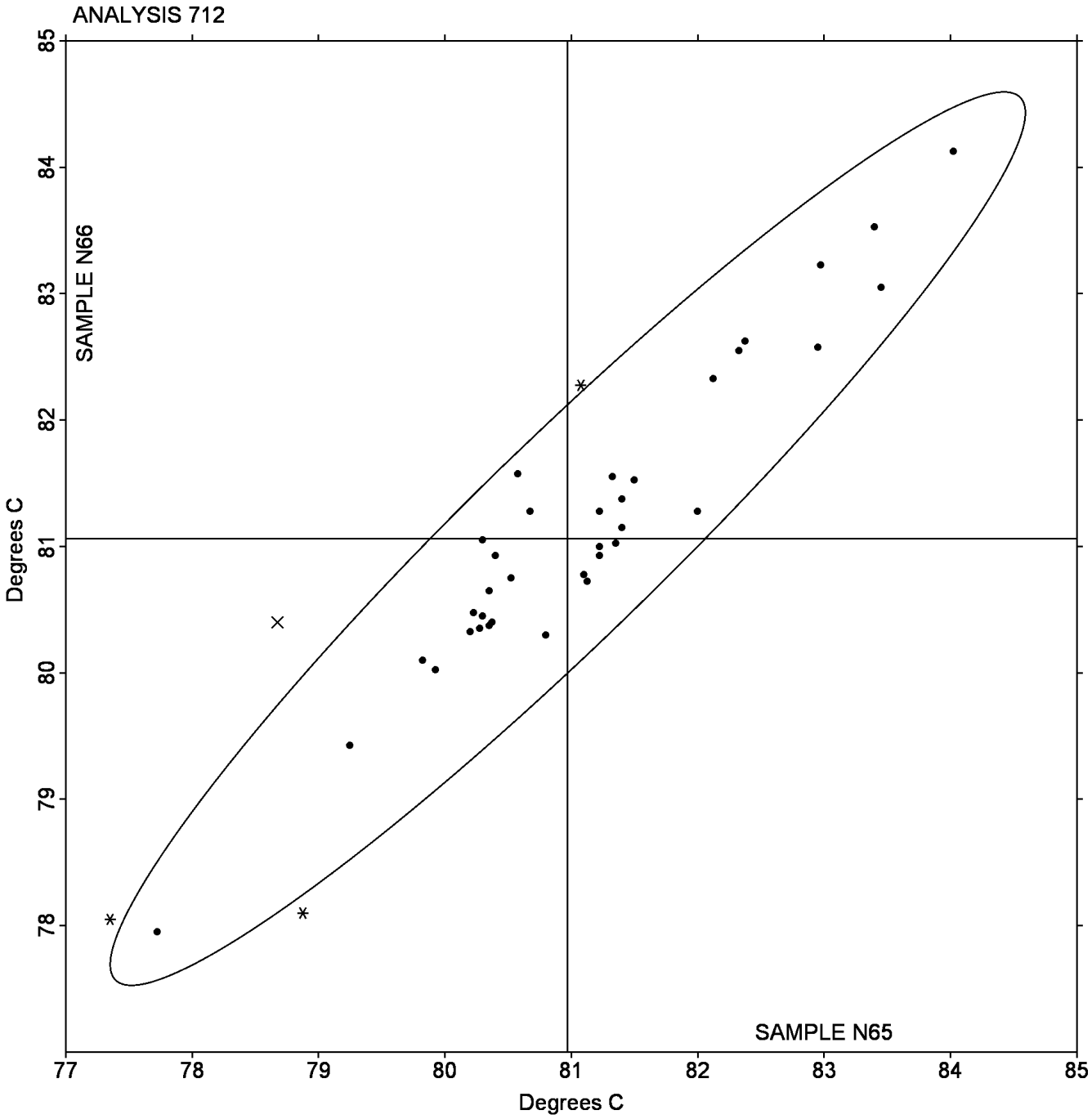
(XX) - Instrument manufacturer not specified by lab

Plastics Interlaboratory Testing Program

Analysis 712

Temp. of Deflection Under Flexural Load (1.80 MPa) - Degrees C

Grand Mean Sample N65: 80.971 Degrees C **Grand Mean Sample N66:** 81.062 Degrees C



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 715

Vicat Softening Temperature (Rate A)

WebCode	Data Flag	Sample H65 Lab Mean	Sample H65 Diff from Grand Mean	Sample H65 CPV	Sample H66 Lab Mean	Sample H66 Diff from Grand Mean	Sample H66 CPV	Instr Code
1EG57M		100.50	0.05	0.06	100.47	0.07	0.08	TY
23J2FH		99.37	-1.08	-1.36	99.40	-1.00	-1.16	CE
2937A4		100.07	-0.38	-0.48	100.08	-0.31	-0.36	TO
2FBJDW		100.35	-0.10	-0.12	100.17	-0.23	-0.27	AT
2P9V5L		100.62	0.17	0.21	100.63	0.24	0.27	AT
37HCRA	X	99.92	-0.53	-0.67	101.13	0.74	0.85	EM
3GWTPG	*	101.23	0.78	0.99	101.78	1.39	1.61	CE
683UC9		100.62	0.17	0.21	100.22	-0.18	-0.21	CE
6QDH4S		99.90	-0.55	-0.69	99.93	-0.46	-0.54	TO
6UBFHK		99.45	-1.00	-1.26	99.53	-0.86	-1.00	XX
AY5U9X		102.00	1.55	1.95	102.00	1.60	1.86	CE
B113FS		100.32	-0.13	-0.17	100.47	0.07	0.08	CS
B77MPH	X	90.48	-9.97	-12.53	90.45	-9.95	-11.55	CE
FUDFA5		100.03	-0.42	-0.52	99.72	-0.68	-0.79	AT
GAN2QJ		99.50	-0.95	-1.19	99.32	-1.08	-1.25	CE
HCXRN9		99.77	-0.68	-0.86	99.78	-0.61	-0.71	CE
JV7S6E		101.32	0.87	1.09	101.32	0.92	1.07	EM
KQTQNB		100.92	0.47	0.60	100.89	0.50	0.58	RO
L61R23		99.97	-0.48	-0.61	99.93	-0.46	-0.54	DN
P2WYGV		99.98	-0.47	-0.58	100.00	-0.40	-0.46	RO
P9TANK		101.22	0.77	0.97	100.97	0.57	0.66	XX
QTK2E9		100.25	-0.20	-0.25	100.25	-0.15	-0.17	CS
R8AM83		100.35	-0.10	-0.12	100.37	-0.03	-0.04	CE
RZ39JU		99.63	-0.82	-1.03	99.60	-0.80	-0.93	CE
T4QC7V	*	99.98	-0.47	-0.58	99.17	-1.23	-1.43	CE
TLPCAP		101.17	0.72	0.90	101.17	0.77	0.89	CF
UC586N		102.08	1.63	2.05	101.86	1.46	1.70	AT
US8XX2		99.25	-1.20	-1.51	99.32	-1.08	-1.25	TO
VBGAB9		100.40	-0.05	-0.06	100.22	-0.18	-0.21	RO
WAFBGM		100.63	0.18	0.23	100.53	0.14	0.16	XX
X1GF8P		102.13	1.68	2.12	102.43	2.04	2.36	CE

Plastics Interlaboratory Testing Program
Analysis 715
Vicat Softening Temperature (Rate A)

Summary Statistics

Grand Means		
	100.448 Degrees C	100.397 Degrees C
Stnd Dev Btwn Labs		
	0.795 Degrees C	0.861 Degrees C

Statistics based on 29 of 31 reporting participants

Sample H65: HIPS **&** **Sample H66:** HIPS

Comments on assigned Data Flags for Test #715

37HCRA (X) - Inconsistent in testing between samples and inconsistent in testing within both samples.

B77MPH (X) - Low data for all samples.

Instrument Code List as Reported by the Labs

(AT) - Atlas

(CE) - Ceast

(CF) - Coesfeld

(CS) - CSI

(DN) - DYNISCO

(EM) - Empire-Vortex

(RO) - Rosand

(TO) - Tinius Olsen

(TY) - Toyoseiki

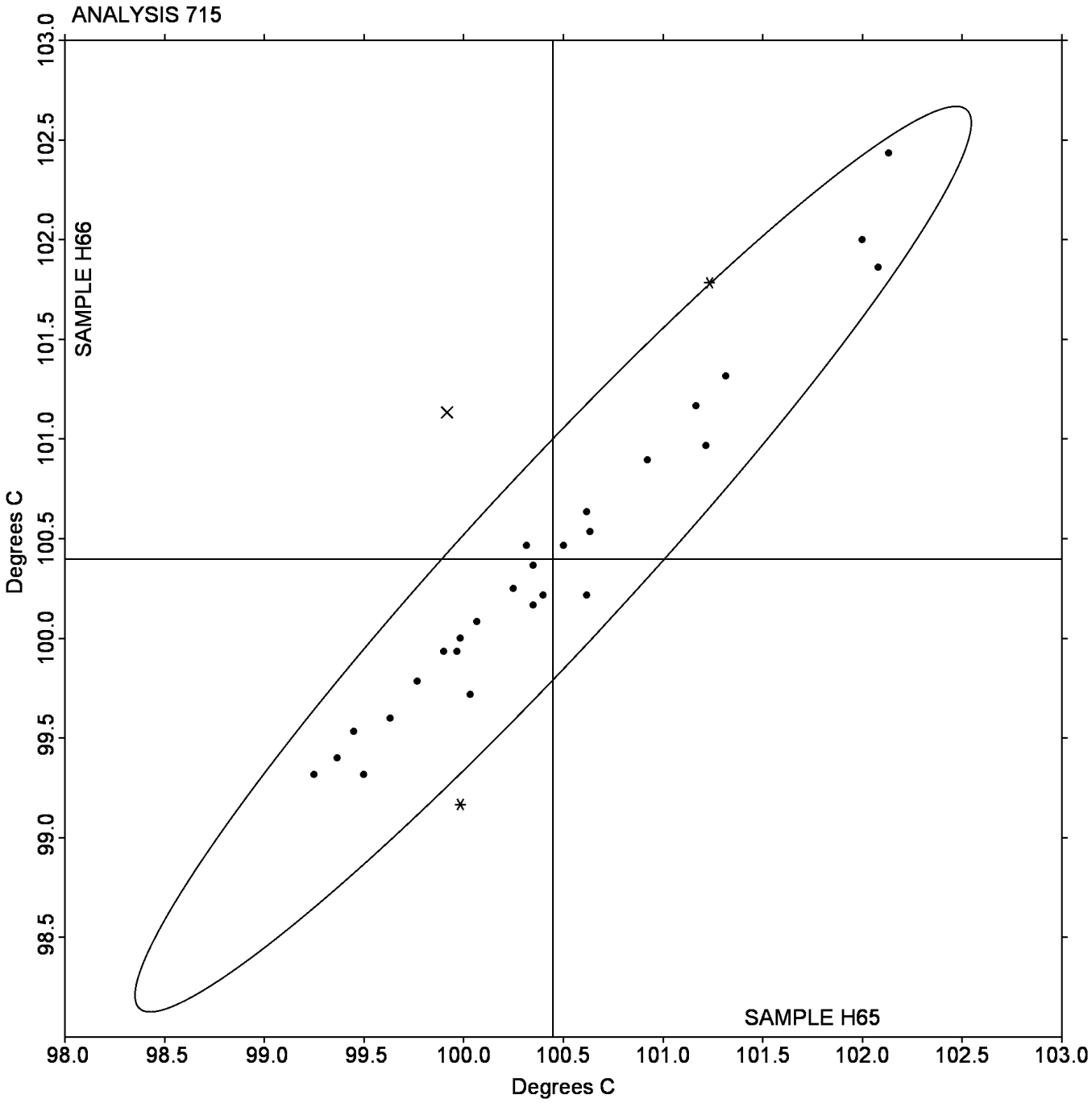
(XX) - Instrument manufacturer not specified by lab

Plastics Interlaboratory Testing Program

Analysis 715

Vicat Softening Temperature (Rate A)

Grand Mean Sample H65: 100.45 Degrees C **Grand Mean Sample H66:** 100.40 Degrees C



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 716

Vicat Softening Temperature (Rate B)

WebCode	Data Flag	Sample R65 Lab Mean	Sample R65 Diff from Grand Mean	Sample R65 CPV	Sample R66 Lab Mean	Sample R66 Diff from Grand Mean	Sample R66 CPV	Instr Code
1D3Z6W		101.18	-1.62	-1.49	101.28	-1.40	-1.35	TO
1YUZAK		102.00	-0.81	-0.74	101.90	-0.78	-0.76	XX
2V6LZQ		101.60	-1.21	-1.11	101.62	-1.07	-1.03	CE
3WG172		102.45	-0.36	-0.33	102.18	-0.50	-0.48	RO
4PY4UE	X	91.22	-11.59	-10.60	91.25	-11.43	-11.06	CF
7A5L36	*	104.57	1.76	1.61	102.92	0.23	0.23	EM
8G4MFR		102.43	-0.37	-0.34	102.38	-0.30	-0.29	CS
8ZVN89		102.38	-0.42	-0.39	101.60	-1.08	-1.05	CE
CYXK4G	X	92.50	-10.31	-9.43	92.43	-10.25	-9.92	CE
DFPZRL		101.82	-0.99	-0.91	102.13	-0.55	-0.53	TO
EHW4VG	X	93.64	-9.17	-8.39	93.80	-8.88	-8.59	RO
GPGBWR		104.00	1.19	1.09	104.00	1.32	1.27	CE
H13Z3V		103.82	1.01	0.92	102.95	0.27	0.26	XX
HCJ6AR	*	105.28	2.48	2.26	104.13	1.45	1.40	XX
JZBCFY	*	105.44	2.63	2.41	105.52	2.84	2.75	AT
K1B2LM		102.10	-0.71	-0.65	102.03	-0.65	-0.63	TO
KMWQLD		104.35	1.54	1.41	104.32	1.63	1.58	EM
KTM665		102.57	-0.24	-0.22	102.22	-0.47	-0.45	AT
M1HHY5		102.10	-0.71	-0.65	102.18	-0.50	-0.48	XX
M1LLQF		103.18	0.38	0.34	103.48	0.80	0.77	CS
MZ4N1X		103.22	0.41	0.37	103.87	1.18	1.15	CE
PB6CWJ		102.33	-0.47	-0.43	102.70	0.02	0.02	TY
Q7XZ7X		103.13	0.33	0.30	103.23	0.55	0.53	XX
Q9MYCY		102.55	-0.26	-0.24	102.17	-0.52	-0.50	DN
QK69YY		101.97	-0.84	-0.77	101.23	-1.45	-1.40	XX
S5AHFV		102.07	-0.74	-0.68	102.25	-0.43	-0.42	AT
T8JPBM		102.05	-0.76	-0.69	102.23	-0.45	-0.44	CE
TAYFVA		103.45	0.64	0.59	102.80	0.12	0.11	AT
TQ2EZ5		103.02	0.21	0.19	102.88	0.20	0.19	AT
WVQGUN		101.80	-1.01	-0.92	101.72	-0.97	-0.94	CE
X259VL		102.80	-0.01	-0.01	103.12	0.43	0.42	XX
YVV69X		101.12	-1.69	-1.55	101.22	-1.47	-1.42	TO

Plastics Interlaboratory Testing Program

Analysis 716

Vicat Softening Temperature (Rate B)

WebCode	Data Flag	Sample R65 Lab Mean	Sample R65 Diff from Grand Mean	Sample R65 CPV	Sample R66 Lab Mean	Sample R66 Diff from Grand Mean	Sample R66 CPV	Instr Code
YYL4UV		102.62	-0.19	-0.18	102.65	-0.03	-0.03	CE
ZMVNXM		103.67	0.86	0.79	104.27	1.58	1.53	TO

Summary Statistics

	Sample R65	Sample R66
Grand Means	102.808 Degrees C	102.683 Degrees C
Stnd Dev Btwn Labs	1.093 Degrees C	1.033 Degrees C

Statistics based on 31 of 34 reporting participants

Sample R65: HIPS **& Sample R66:** HIPS

Comments on assigned Data Flags for Test #716

4PY4UE (X) - Low data for all samples.

CYXK4G (X) - Low data for all samples.

EHW4VG (X) - Low data for all samples.

Instrument Code List as Reported by the Labs

(AT) - Atlas

(CE) - Ceast

(CF) - Coesfeld

(CS) - CSI

(DN) - DYNISCO

(EM) - Empire-Vortex

(RO) - Rosand

(TO) - Tinius Olsen

(TY) - Toyoseiki

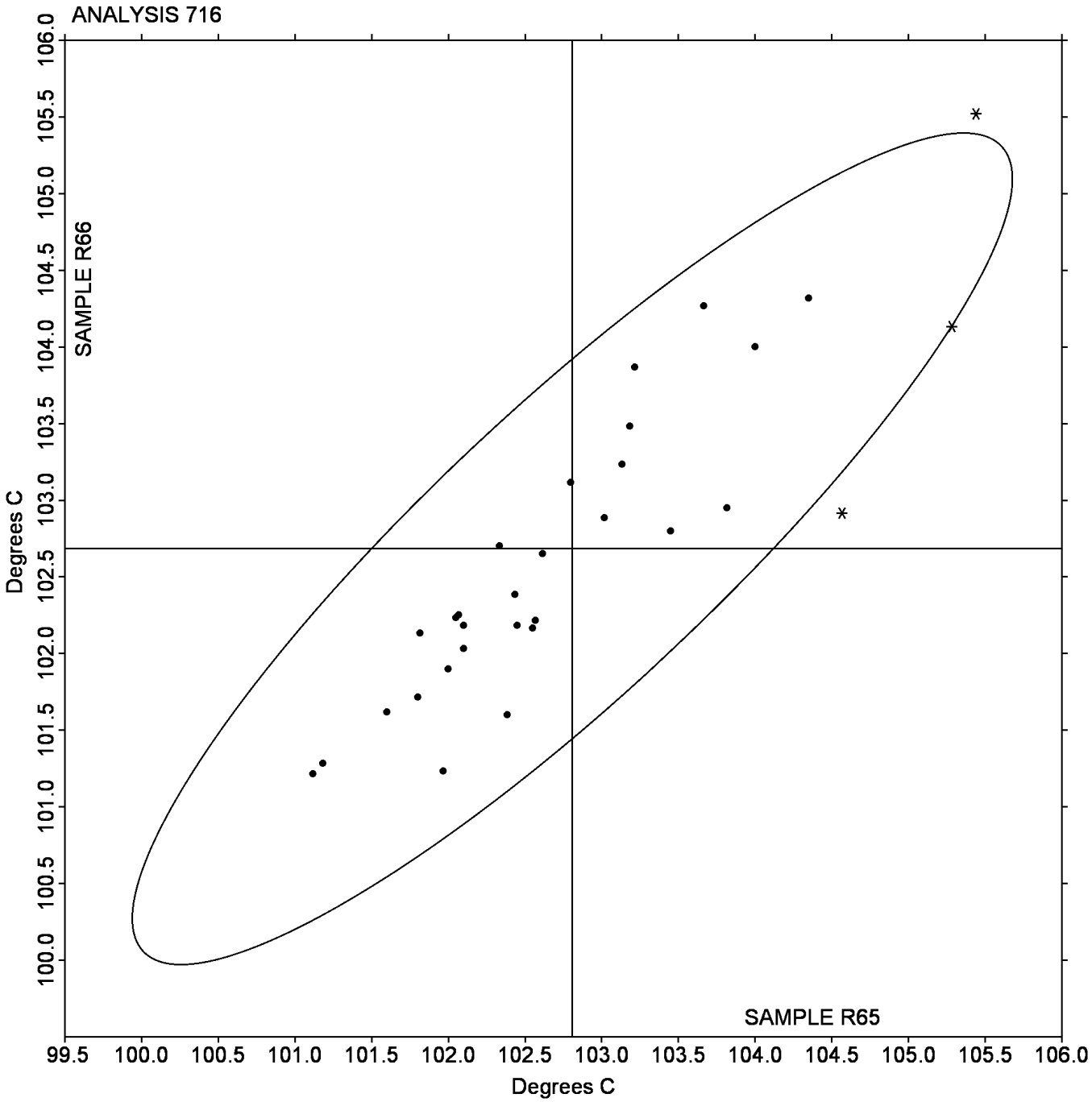
(XX) - Instrument manufacturer not specified by lab

Plastics Interlaboratory Testing Program

Analysis 716

Vicat Softening Temperature (Rate B)

Grand Mean Sample R65: 102.81 Degrees C **Grand Mean Sample R66:** 102.68 Degrees C



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 750

Flow Rates of Thermoplastics (190 or 230C/2.16 kg) - G/10 mins

WebCode	Data Flag	Sample X65 Lab Mean	Sample X65 Diff from Grand Mean	Sample X65 CPV	Sample X66 Lab Mean	Sample X66 Diff from Grand Mean	Sample X66 CPV	Instr Code
18Z2EG		11.38	-0.55	-0.89	12.96	-0.52	-1.00	QT
1S82X5		11.05	-0.88	-1.43	13.00	-0.47	-0.91	TO
27YJTT		11.61	-0.32	-0.52	13.40	-0.07	-0.14	DY
2DM8M4		11.21	-0.72	-1.17	12.47	-1.01	-1.94	KA
2Q197P		11.96	0.02	0.04	13.05	-0.42	-0.81	DY
32MPVB		12.81	0.88	1.42	14.68	1.20	2.32	DY
3836RC		11.60	-0.33	-0.54	14.10	0.63	1.21	TO
3AYJRC		11.78	-0.16	-0.25	12.76	-0.71	-1.37	TO
3EC86E		11.95	0.02	0.03	13.45	-0.02	-0.04	TO
3NM3D7		12.71	0.78	1.26	13.99	0.52	1.00	KA
3ZKWR5		12.35	0.42	0.68	13.55	0.08	0.15	TO
43A68B		12.56	0.63	1.03	13.57	0.10	0.19	CS
4MV8JB		11.85	-0.08	-0.13	13.75	0.28	0.54	TO
4SQBXV		12.40	0.47	0.76	13.50	0.03	0.06	TY
4UXR41		12.85	0.92	1.49	13.60	0.13	0.25	TO
52FVUN		12.10	0.17	0.27	13.50	0.03	0.06	TO
59TCG8		12.45	0.52	0.84	13.53	0.06	0.11	GO
5FSXA3		12.45	0.51	0.83	13.88	0.40	0.78	TO
5MKM2F		11.82	-0.12	-0.19	13.67	0.19	0.37	WZ
5VFS8G		12.45	0.52	0.84	13.30	-0.17	-0.33	TO
6VD1TT	*	10.88	-1.05	-1.70	13.95	0.48	0.92	KA
7646YH	*	12.65	0.72	1.16	14.91	1.43	2.77	TO
7A3KWU		11.68	-0.25	-0.41	13.18	-0.30	-0.57	TO
7TDGV6		11.45	-0.48	-0.78	13.15	-0.32	-0.62	HA
82AC2V	X	12.50	0.57	0.92	16.30	2.83	5.46	TO
85ECBL		11.80	-0.13	-0.21	13.20	-0.27	-0.52	TO
8MUTA7	X	11.60	-0.33	-0.54	14.95	1.48	2.85	TO
8TGN5J		11.58	-0.36	-0.58	13.48	0.01	0.02	TO
96P97W	*	10.39	-1.54	-2.49	12.66	-0.82	-1.57	TO
9H2223		11.90	-0.03	-0.05	13.45	-0.02	-0.04	TO
9SBYWE		12.20	0.27	0.44	13.45	-0.02	-0.04	TO
AHP12T		11.38	-0.56	-0.90	12.94	-0.54	-1.03	KA

Plastics Interlaboratory Testing Program

Analysis 750

Flow Rates of Thermoplastics (190 or 230C/2.16 kg) - G/10 mins

WebCode	Data Flag	Sample X65 Lab Mean	Sample X65 Diff from Grand Mean	Sample X65 CPV	Sample X66 Lab Mean	Sample X66 Diff from Grand Mean	Sample X66 CPV	Instr Code
ARKYVM		12.20	0.27	0.44	13.45	-0.02	-0.04	TO
ASXQZQ		11.65	-0.28	-0.45	13.25	-0.22	-0.43	GO
AWHG87		13.06	1.12	1.82	13.36	-0.11	-0.21	TO
AWV13C		13.21	1.28	2.07	13.59	0.12	0.23	TO
BF4GZN		12.58	0.65	1.05	13.98	0.50	0.97	TO
BT5356		12.15	0.22	0.36	13.15	-0.32	-0.62	TO
BU8SLP		12.05	0.12	0.19	13.55	0.08	0.15	GO
BZUMF1		11.59	-0.34	-0.56	14.01	0.54	1.05	TO
CVUXCY	X	11.06	-0.88	-1.42	14.35	0.88	1.70	DY
CXFR37		12.94	1.00	1.63	13.29	-0.18	-0.35	TO
DHNLN6		10.78	-1.16	-1.87	12.43	-1.05	-2.02	TO
DYKQME		12.75	0.82	1.33	13.90	0.43	0.83	TO
E1CVVR		10.60	-1.34	-2.16	12.79	-0.68	-1.31	DY
ENZ53X		12.00	0.07	0.11	13.35	-0.12	-0.23	XX
EXSG9C		12.05	0.12	0.19	13.65	0.18	0.35	TO
F2FYWE		12.21	0.28	0.45	13.80	0.33	0.63	TO
F3DDBL		12.96	1.03	1.67	13.94	0.47	0.91	TO
FGSZMX		11.41	-0.52	-0.85	13.08	-0.39	-0.76	KA
FJLCH3		11.61	-0.32	-0.52	13.50	0.03	0.06	XX
FQUQHE		11.60	-0.33	-0.54	12.70	-0.77	-1.49	KA
FSUYA4		12.00	0.07	0.11	14.35	0.88	1.70	CE
FW5FKM	X	7.13	-4.81	-7.78	13.54	0.07	0.13	DY
G6VQYU		11.40	-0.53	-0.86	12.75	-0.72	-1.39	TM
GN4SXE		12.70	0.77	1.24	13.86	0.39	0.75	KA
GREVHX		11.27	-0.66	-1.07	13.61	0.14	0.27	XX
H819HU		10.80	-1.13	-1.83	12.45	-1.02	-1.97	CS
HC66C2		11.83	-0.11	-0.17	13.35	-0.13	-0.24	TO
HE12MA		11.70	-0.23	-0.37	13.10	-0.37	-0.72	TO
HH87LJ		11.50	-0.43	-0.70	13.25	-0.22	-0.43	XX
HND24T		12.10	0.17	0.27	13.90	0.43	0.83	TO
J2G6AS		12.72	0.79	1.28	14.27	0.80	1.54	XX
JMW6AJ		12.35	0.42	0.68	13.35	-0.12	-0.23	TO

Plastics Interlaboratory Testing Program

Analysis 750

Flow Rates of Thermoplastics (190 or 230C/2.16 kg) - G/10 mins

WebCode	Data Flag	Sample X65 Lab Mean	Sample X65 Diff from Grand Mean	Sample X65 CPV	Sample X66 Lab Mean	Sample X66 Diff from Grand Mean	Sample X66 CPV	Instr Code
JWKM4N		11.46	-0.47	-0.76	13.70	0.23	0.44	KA
KLF3WS		12.70	0.77	1.25	14.20	0.73	1.41	TO
KNQU58		13.15	1.22	1.97	14.20	0.73	1.41	XX
LCMMR1		11.10	-0.83	-1.35	12.75	-0.72	-1.39	DA
LHE9LT		11.98	0.04	0.07	13.49	0.02	0.04	WZ
LK5YYZ		11.25	-0.68	-1.10	13.15	-0.33	-0.63	CE
LMKL5Z	*	13.60	1.67	2.70	13.70	0.23	0.44	CS
LQ9R1H		11.40	-0.53	-0.86	13.85	0.38	0.73	TO
M18Y9Z		12.30	0.37	0.60	13.30	-0.17	-0.33	TO
M49UZG		12.22	0.29	0.47	13.71	0.24	0.46	XX
MDVLGM		12.20	0.27	0.44	13.65	0.18	0.35	CE
MHTFLW		12.08	0.15	0.24	13.11	-0.36	-0.70	GO
MK16UK		11.55	-0.38	-0.62	12.60	-0.87	-1.68	HA
MYE3RK		12.10	0.17	0.27	13.42	-0.05	-0.09	TO
NJ19H8		12.24	0.31	0.50	13.35	-0.12	-0.23	XX
NNGGBM		11.70	-0.23	-0.37	13.15	-0.32	-0.62	TO
NVYX5W	X	12.67	0.73	1.19	15.26	1.79	3.45	TO
P8FU26		12.95	1.01	1.64	13.80	0.33	0.64	DY
PQKRKV		12.12	0.19	0.31	14.03	0.56	1.08	KA
PTAM1Q		10.95	-0.98	-1.59	12.95	-0.52	-1.01	TO
Q8TJ5H		11.06	-0.87	-1.40	13.07	-0.40	-0.77	GO
Q9A43F		11.91	-0.02	-0.03	13.15	-0.33	-0.63	TO
QE35JM		11.48	-0.45	-0.73	13.56	0.08	0.16	CS
RN9X4V		11.95	0.02	0.03	14.20	0.73	1.41	AT
S1ERAJ		12.17	0.24	0.39	14.14	0.67	1.29	TO
S9FLMV	*	12.50	0.57	0.92	15.00	1.53	2.95	TO
SBRDVP		11.60	-0.33	-0.54	13.25	-0.22	-0.43	TO
SM716A		11.80	-0.13	-0.21	13.10	-0.37	-0.72	TO
SMWHFM		11.70	-0.23	-0.37	12.80	-0.67	-1.29	TO
T927FY		12.47	0.54	0.87	13.41	-0.07	-0.13	TO
TL2S2Q		11.65	-0.28	-0.45	13.35	-0.12	-0.23	KA

Plastics Interlaboratory Testing Program

Analysis 750

Flow Rates of Thermoplastics (190 or 230C/2.16 kg) - G/10 mins

WebCode	Data Flag	Sample X65 Lab Mean	Sample X65 Diff from Grand Mean	Sample X65 CPV	Sample X66 Lab Mean	Sample X66 Diff from Grand Mean	Sample X66 CPV	Instr Code
TTSFBT		11.85	-0.08	-0.13	14.27	0.79	1.53	XX
UD7RUC	X	13.02	1.09	1.76	12.75	-0.73	-1.40	TO
UJHBZ3		11.82	-0.12	-0.19	13.24	-0.24	-0.46	DY
UMYTW1		12.53	0.59	0.96	13.29	-0.19	-0.36	TO
UNQUWX		12.55	0.62	1.00	14.50	1.03	1.99	TO
UVSGUB		11.80	-0.13	-0.21	13.00	-0.47	-0.91	TO
UWGGJN		11.74	-0.19	-0.31	13.70	0.22	0.43	CE
V7SA7L		12.35	0.42	0.68	13.80	0.33	0.64	TO
VG5HBP		11.67	-0.26	-0.42	13.87	0.40	0.78	TO
VHE9DH	*	12.80	0.87	1.41	14.85	1.38	2.66	XX
VMEAND	*	10.75	-1.18	-1.91	13.80	0.33	0.64	DY
W63M2K		11.70	-0.23	-0.37	13.20	-0.27	-0.52	GO
WJLL4D		12.53	0.60	0.97	13.56	0.08	0.16	TO
WMG8MF		11.22	-0.72	-1.16	12.71	-0.76	-1.47	WZ
WXBNBR	X	6.65	-5.28	-8.55	7.20	-6.27	-12.10	TO
XTS2RH		11.80	-0.13	-0.21	13.20	-0.27	-0.52	KA
Y3L812		12.35	0.42	0.68	13.60	0.13	0.25	TO
YPAK7Z		12.40	0.47	0.76	13.25	-0.22	-0.43	TO
Z2FG4D		11.50	-0.43	-0.70	13.60	0.13	0.25	TO
Z4EGNB		12.10	0.17	0.27	13.60	0.13	0.25	KA
Z5AK8S		10.74	-1.19	-1.93	12.53	-0.94	-1.82	TO
ZE6N73		11.45	-0.48	-0.78	13.40	-0.07	-0.14	KA
ZT2974		11.65	-0.28	-0.45	12.90	-0.57	-1.10	CE
ZWBN19		11.50	-0.43	-0.70	13.30	-0.17	-0.33	WZ
ZYB7YW		11.10	-0.83	-1.35	12.90	-0.57	-1.10	GO

Plastics Interlaboratory Testing Program

Analysis 750

Flow Rates of Thermoplastics (190 or 230C/2.16 kg) - G/10 mins

Summary Statistics

	Sample X65: PP	Sample X66: PP
Grand Means	11.931 grams/10 mins	13.471 grams/10 mins
Stnd Dev Btwn Labs	0.618 grams/10 mins	0.518 grams/10 mins

Statistics based on 113 of 120 reporting participants

Sample X65: PP **& Sample X66:** PP

Comments on assigned Data Flags for Test #750

82AC2V (X) - Inconsistent in testing between samples, data for Sample X66 are high. Also inconsistent in testing within both sample sets.

8MUTA7 (X) - Inconsistent in testing between samples, data for Sample X66 are high.

CVUXCY (X) - Inconsistent in testing between samples.

FW5FKM (X) - Inconsistent in testing between samples, data for Sample X65 are low.

NVYX5W (X) - Inconsistent in testing between samples, data for Sample X66 are high.

UD7RUC (X) - Inconsistent in testing between samples and inconsistent in testing within Sample X65.

WXBNBR (X) - Low data for all samples.

Instrument Code List as Reported by the Labs

(AT) - Atlas

(CE) - Ceast

(CS) - CSI

(DA) - Davenport

(DY) - Dynisco

(GO) - Gottfert

(HA) - Haake

(KA) - Kayeness

(QT) - Qualitest

(TM) - TMI

(TO) - Tinius Olsen

(TY) - Toyoseiki Seisakusho

(WZ) - Zwick

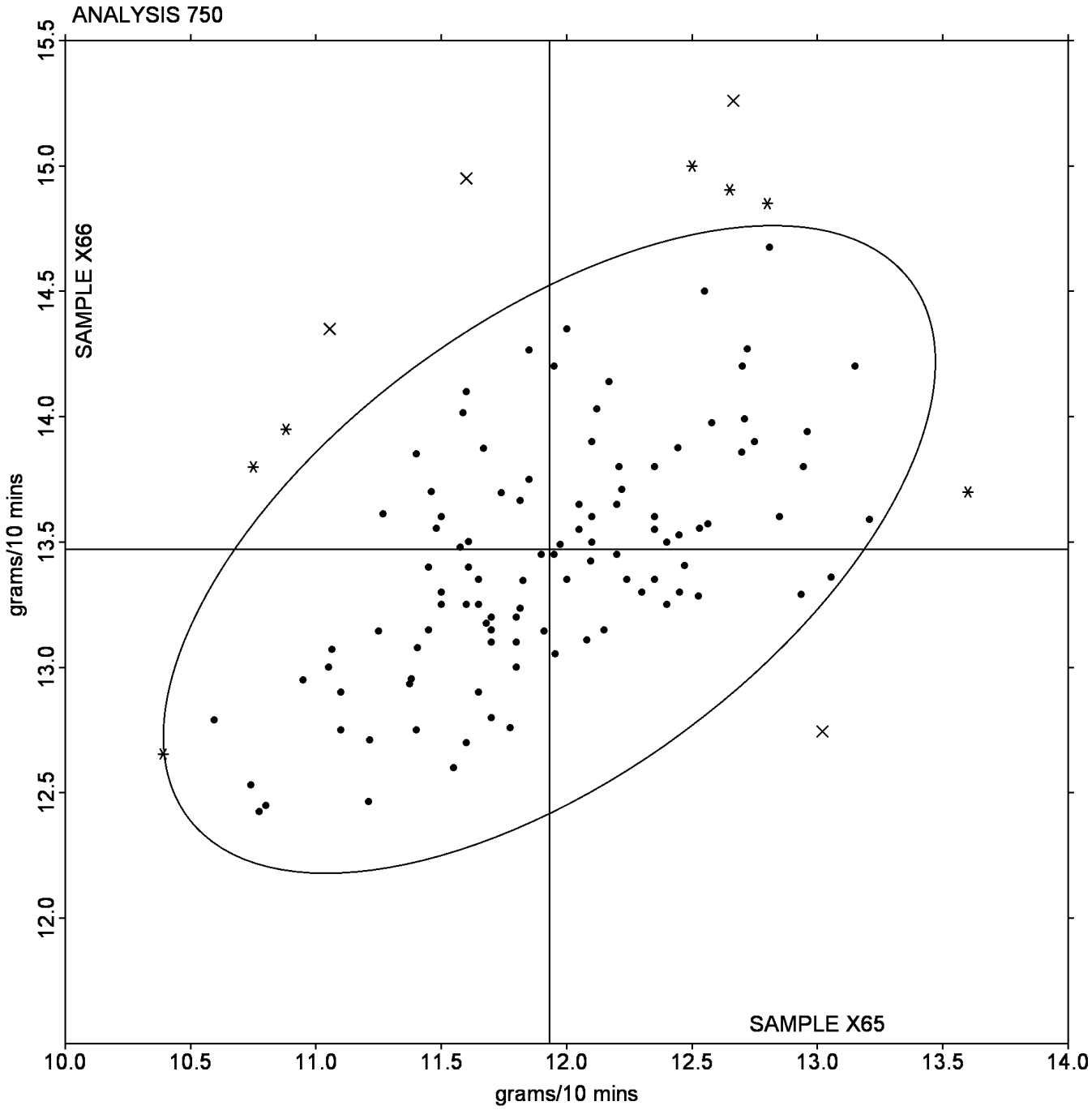
(XX) - Instrument manufacturer not specified by lab

Plastics Interlaboratory Testing Program

Analysis 750

Flow Rates of Thermoplastics (190 or 230C/2.16 kg) - G/10 mins

Grand Mean Sample X65: 11.931 grams/10 mins **Grand Mean Sample X66:** 13.471 grams/10 mins



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 718

Specific Gravity - sp gr 23/23 C

WebCode	Data Flag	Sample T65 Lab Mean	Sample T65 Diff from Grand Mean	Sample T65 CPV	Sample T66 Lab Mean	Sample T66 Diff from Grand Mean	Sample T66 CPV	Instr Code
1G6UPY	X	1.03780	-0.00736	-4.26	1.03977	-0.00372	-2.09	XX
1S217B		1.04277	-0.00240	-1.39	1.04087	-0.00262	-1.47	XX
2TW261		1.04840	0.00324	1.87	1.04637	0.00288	1.62	XX
3EG7HG		1.04643	0.00127	0.73	1.04443	0.00095	0.53	XX
3G3XG1		1.04630	0.00114	0.66	1.04487	0.00138	0.78	XX
3WFCQA	*	1.04577	0.00060	0.35	1.04210	-0.00139	-0.78	XX
4LASTN		1.04507	-0.00010	-0.06	1.04373	0.00025	0.14	XX
5ASA1G	X	1.04057	-0.00460	-2.66	1.04200	-0.00149	-0.84	XX
5AWAZ4	X	1.03890	-0.00626	-3.62	1.03543	-0.00805	-4.53	XX
5S4SG9	*	1.04333	-0.00183	-1.06	1.04400	0.00051	0.29	XX
5XTZS8		1.04697	0.00180	1.04	1.04463	0.00115	0.65	XX
6C65JF		1.04410	-0.00106	-0.62	1.04150	-0.00199	-1.12	XX
6KCLHU		1.04483	-0.00033	-0.19	1.04337	-0.00012	-0.07	XX
6T3KDM		1.04400	-0.00116	-0.67	1.04180	-0.00169	-0.95	XX
7VHNBH		1.04267	-0.00250	-1.44	1.04167	-0.00182	-1.02	XX
88Q369		1.04700	0.00184	1.06	1.04467	0.00118	0.67	XX
8ER5X8		1.04690	0.00174	1.00	1.04497	0.00148	0.83	XX
8HFSYV	X	1.04327	-0.00190	-1.10	1.04683	0.00335	1.88	XX
8NQFUB	X	0.82693	-0.21823	-126.10	0.82520	-0.21829	-122.88	XX
8QNNG2		1.04293	-0.00223	-1.29	1.04230	-0.00119	-0.67	XX
8R7AC4		1.04390	-0.00126	-0.73	1.04250	-0.00099	-0.55	XX
8V442S		1.04860	0.00344	1.98	1.04637	0.00288	1.62	XX
8WAKZX		1.04467	-0.00050	-0.29	1.04200	-0.00149	-0.84	XX
97Q6VX	X	1.04377	-0.00140	-0.81	1.03873	-0.00475	-2.67	XX
9C2VQS		1.04627	0.00110	0.64	1.04427	0.00078	0.44	XX
9NB44Y		1.04443	-0.00073	-0.42	1.04317	-0.00032	-0.18	XX
9T913W		1.04417	-0.00100	-0.58	1.04303	-0.00045	-0.25	XX
9ULQFG		1.04550	0.00034	0.19	1.04273	-0.00075	-0.42	XX
A3HU5P		1.04423	-0.00093	-0.54	1.04267	-0.00082	-0.46	XX
ADADDF		1.04567	0.00050	0.29	1.04300	-0.00049	-0.27	XX
AGM1J9		1.04457	-0.00060	-0.35	1.04257	-0.00092	-0.52	XX
ATRX63		1.04307	-0.00210	-1.21	1.04163	-0.00185	-1.04	XX

Plastics Interlaboratory Testing Program

Analysis 718

Specific Gravity - sp gr 23/23 C

WebCode	Data Flag	Sample T65 Lab Mean	Sample T65 Diff from Grand Mean	Sample T65 CPV	Sample T66 Lab Mean	Sample T66 Diff from Grand Mean	Sample T66 CPV	Instr Code
ATYWLW	X	1.03620	-0.00896	-5.18	1.03530	-0.00819	-4.61	XX
AUDGS8		1.04740	0.00224	1.29	1.04507	0.00158	0.89	XX
B3Q48F		1.04427	-0.00090	-0.52	1.04180	-0.00169	-0.95	XX
C551W4		1.04537	0.00020	0.12	1.04390	0.00041	0.23	XX
CQ1UD1		1.04727	0.00210	1.21	1.04533	0.00185	1.04	XX
CWUPTE	X	1.04527	0.00010	0.06	1.04690	0.00341	1.92	XX
D4XHYC		1.04550	0.00034	0.19	1.04367	0.00018	0.10	XX
DDN5XA	X	1.04367	-0.00150	-0.87	1.04500	0.00151	0.85	XX
DGLW2V		1.04527	0.00010	0.06	1.04230	-0.00119	-0.67	XX
DM1GBF		1.04533	0.00017	0.10	1.04363	0.00015	0.08	XX
DWE5WU	X	0.95680	-0.08836	-51.06	0.95933	-0.08415	-47.37	XX
E91ABP		1.04427	-0.00090	-0.52	1.04273	-0.00075	-0.42	XX
EFSFRC		1.04200	-0.00316	-1.83	1.03967	-0.00382	-2.15	XX
EGNC2K		1.04537	0.00020	0.12	1.04347	-0.00002	-0.01	XX
F2VHER		1.04273	-0.00243	-1.40	1.04157	-0.00192	-1.08	XX
F64HHP		1.04157	-0.00360	-2.08	1.04103	-0.00245	-1.38	XX
F6DLFV		1.04740	0.00224	1.29	1.04583	0.00235	1.32	XX
FAKNCD		1.04907	0.00390	2.25	1.04697	0.00348	1.96	XX
FXT3M9		1.04593	0.00077	0.44	1.04437	0.00088	0.50	XX
FYCRLW		1.04650	0.00134	0.77	1.04403	0.00055	0.31	XX
GFGERU		1.04563	0.00047	0.27	1.04350	0.00001	0.01	XX
GHNVT6	X	1.04643	0.00127	0.73	1.04213	-0.00135	-0.76	XX
H25JL5		1.04293	-0.00223	-1.29	1.04103	-0.00245	-1.38	XX
HFHKXG		1.04560	0.00044	0.25	1.04510	0.00161	0.91	XX
HHPZ4M		1.04600	0.00084	0.48	1.04467	0.00118	0.67	XX
HMLPLU		1.04673	0.00157	0.91	1.04490	0.00141	0.80	XX
JH43CZ		1.04470	-0.00046	-0.27	1.04440	0.00091	0.51	XX
JXXDYQ	X	1.03520	-0.00996	-5.76	1.03553	-0.00795	-4.48	XX
KPMUA5		1.04563	0.00047	0.27	1.04417	0.00068	0.38	XX
KRV3JQ		1.04537	0.00020	0.12	1.04340	-0.00009	-0.05	XX
KURSMQ		1.04653	0.00137	0.79	1.04513	0.00165	0.93	XX
LCPV1T		1.04433	-0.00083	-0.48	1.04133	-0.00215	-1.21	XX

Plastics Interlaboratory Testing Program

Analysis 718

Specific Gravity - sp gr 23/23 C

WebCode	Data Flag	Sample T65 Lab Mean	Sample T65 Diff from Grand Mean	Sample T65 CPV	Sample T66 Lab Mean	Sample T66 Diff from Grand Mean	Sample T66 CPV	Instr Code
LVJ6G6		1.04630	0.00114	0.66	1.04453	0.00105	0.59	XX
LY3YT9		1.04327	-0.00190	-1.10	1.04163	-0.00185	-1.04	XX
M1PH97		1.04617	0.00100	0.58	1.04527	0.00178	1.00	XX
M946GF		1.04597	0.00080	0.46	1.04527	0.00178	1.00	XX
ME9DPP		1.04587	0.00070	0.41	1.04477	0.00128	0.72	XX
MY2CW8		1.04507	-0.00010	-0.06	1.04347	-0.00002	-0.01	XX
MYASM1		1.04580	0.00064	0.37	1.04433	0.00085	0.48	XX
N1M3HS		1.04603	0.00087	0.50	1.04420	0.00071	0.40	XX
NU6W6Z		1.04400	-0.00116	-0.67	1.04267	-0.00082	-0.46	XX
NWQ8EP		1.04903	0.00387	2.24	1.04717	0.00368	2.07	XX
P983E8		1.04613	0.00097	0.56	1.04440	0.00091	0.51	XX
PRTGND		1.04713	0.00197	1.14	1.04477	0.00128	0.72	XX
R2E1Q1	*	1.04533	0.00017	0.10	1.04133	-0.00215	-1.21	XX
RJS2HW		1.04647	0.00130	0.75	1.04473	0.00125	0.70	XX
RLJ9LL		1.04631	0.00114	0.66	1.04528	0.00179	1.01	XX
RZFB1E		1.04587	0.00070	0.41	1.04453	0.00105	0.59	XX
S46TNC		1.04570	0.00054	0.31	1.04437	0.00088	0.50	XX
S49R9M	*	1.04133	-0.00383	-2.21	1.03833	-0.00515	-2.90	XX
S7UQ93		1.04197	-0.00320	-1.85	1.04057	-0.00292	-1.64	XX
SAGBAR	X	1.03793	-0.00723	-4.18	1.03683	-0.00665	-3.74	XX
SESTMV		1.04573	0.00057	0.33	1.04453	0.00105	0.59	XX
SF9BTS		1.04617	0.00100	0.58	1.04450	0.00101	0.57	XX
SLTRUR	*	1.04483	-0.00033	-0.19	1.04517	0.00168	0.95	XX
ST9LA2		1.04507	-0.00010	-0.06	1.04357	0.00008	0.05	XX
T269PQ	X	1.03863	-0.00653	-3.77	1.03790	-0.00559	-3.14	XX
T3QFJT		1.04667	0.00150	0.87	1.04443	0.00095	0.53	XX
T42ZG5		1.04560	0.00044	0.25	1.04367	0.00018	0.10	XX
TPCUJ2		1.04200	-0.00316	-1.83	1.04000	-0.00349	-1.96	XX
TQPQ5T		1.04600	0.00084	0.48	1.04373	0.00025	0.14	XX
UMKVQH		1.04410	-0.00106	-0.62	1.04157	-0.00192	-1.08	XX
V5PYSS		1.04487	-0.00030	-0.17	1.04297	-0.00052	-0.29	XX

Plastics Interlaboratory Testing Program

Analysis 718

Specific Gravity - sp gr 23/23 C

WebCode	Data Flag	Sample T65 Lab Mean	Sample T65 Diff from Grand Mean	Sample T65 CPV	Sample T66 Lab Mean	Sample T66 Diff from Grand Mean	Sample T66 CPV	Instr Code
V656ZV		1.04240	-0.00276	-1.60	1.04077	-0.00272	-1.53	XX
V98R3U		1.04510	-0.00006	-0.04	1.04343	-0.00005	-0.03	XX
VA6LSX		1.04217	-0.00300	-1.73	1.04100	-0.00249	-1.40	XX
VNP75B		1.04677	0.00160	0.93	1.04477	0.00128	0.72	XX
W2HUHB	X	1.03847	-0.00670	-3.87	1.03447	-0.00902	-5.08	XX
WGFUHS	*	1.03987	-0.00530	-3.06	1.03830	-0.00519	-2.92	XX
WSU3UY		1.04487	-0.00030	-0.17	1.04407	0.00058	0.33	XX
X7P69N		1.04687	0.00170	0.98	1.04630	0.00281	1.58	XX
XKKD4B		1.04460	-0.00056	-0.33	1.04157	-0.00192	-1.08	XX
XM7ZST		1.04640	0.00124	0.71	1.04550	0.00201	1.13	XX
ZDC8ZJ		1.04290	-0.00226	-1.31	1.04303	-0.00045	-0.25	XX
ZFYA9B		1.04453	-0.00063	-0.36	1.04460	0.00111	0.63	XX
ZKGPFD		1.04700	0.00184	1.06	1.04533	0.00185	1.04	XX
ZQT2KC		1.04600	0.00084	0.48	1.04500	0.00151	0.85	XX

Summary Statistics

Grand Means

1.045165 sp gr 23/23 C — 1.043485 sp gr 23/23 C

Stnd Dev Btwn Labs

0.001731 sp gr 23/23 C — 0.001776 sp gr 23/23 C

Statistics based on 94 of 109 reporting participants

Sample T65: ABS **&** **Sample T66:** ABS

Plastics Interlaboratory Testing Program
Analysis 718
Specific Gravity - sp gr 23/23 C

Comments on assigned Data Flags for Test #718

1G6UPY (X) - Inconsistent in testing between samples, data for Sample T65 Are low. Also inconsistent in testing within both sample sets.

5ASA1G (X) - Inconsistent in testing between samples.

5AWAZ4 (X) - Low data for all samples.

8HFSYV (X) - Inconsistent in testing between samples.

8NQFUB (X) - Low data for all samples.

97Q6VX (X) - Inconsistent in testing between samples and inconsistent in testing within Sample T66.

ATYWLW (X) - Low data for all samples.

CWUPTE (X) - Inconsistent in testing between samples.

DDN5XA (X) - Inconsistent in testing between samples.

DWE5WU (X) - Low data for all samples.

GHNVT6 (X) - Inconsistent in testing between samples.

JXXDYQ (X) - Low data for all samples. Inconsistent in testing within both samples.

SAGBAR (X) - Low data for all samples.

T269PQ (X) - Low data for all samples.

W2HUHB (X) - Low data for all samples.

Instrument Code List as Reported by the Labs

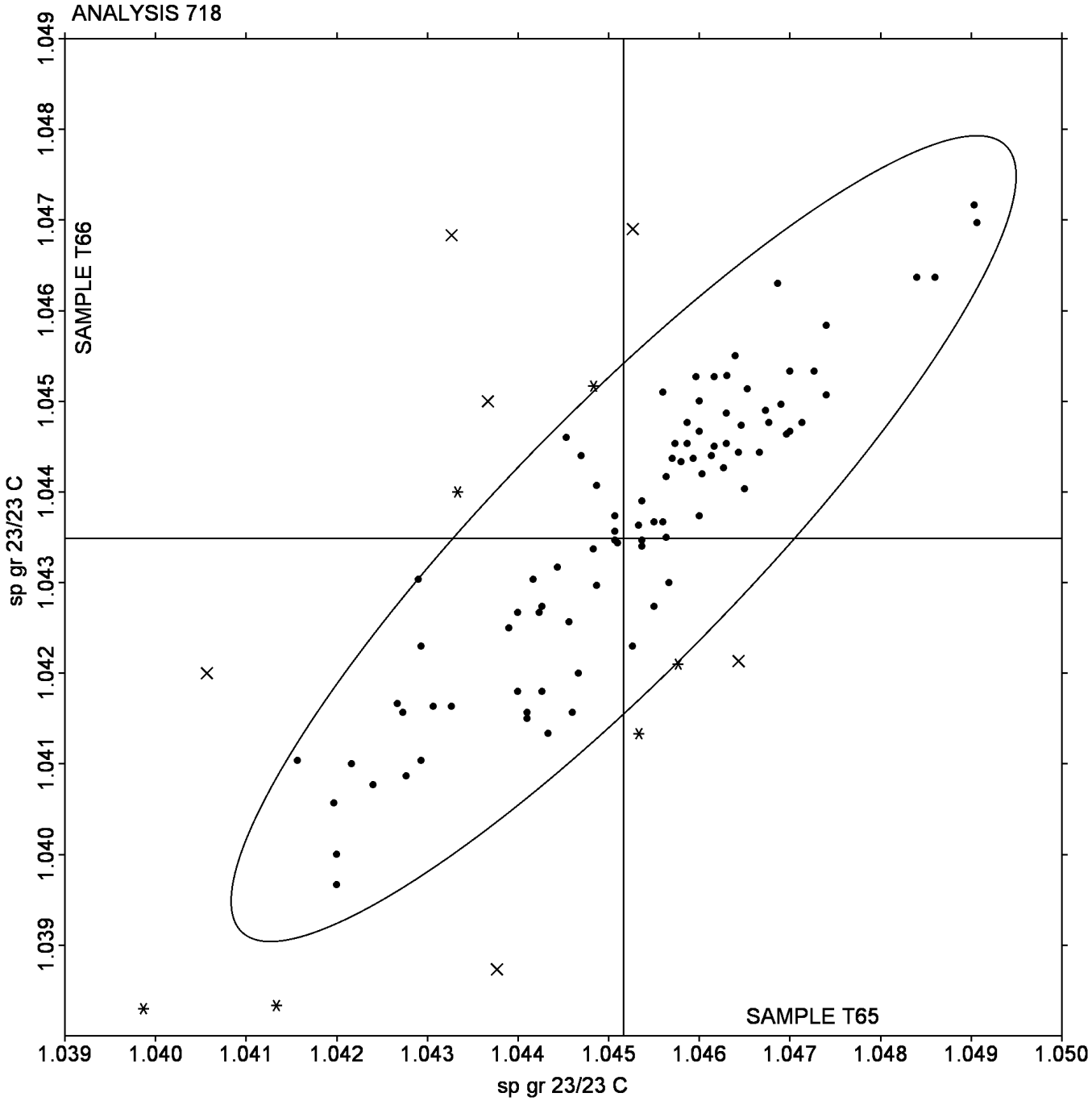
(XX) - Instrument Codes not used by CTS at this time

Plastics Interlaboratory Testing Program

Analysis 718

Specific Gravity - sp gr 23/23 C

Grand Mean Sample T65: 1.0452 sp gr 23/23 C **Grand Mean Sample T66:** 1.0435 sp gr 23/23 C



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 757

Ash Content in Thermoplastics - Percent

WebCode	Data Flag	Sample L65 Lab Mean	Sample L65 Diff from Grand Mean	Sample L65 CPV	Sample L66 Lab Mean	Sample L66 Diff from Grand Mean	Sample L66 CPV	Instr Code
1379MW		39.795	0.000	0.00	31.540	0.112	0.47	XX
1SPFS8		39.790	-0.005	-0.04	31.485	0.057	0.24	XX
1WNLUT		39.755	-0.040	-0.28	31.345	-0.083	-0.35	XX
2PR7MR		39.970	0.175	1.24	31.450	0.022	0.09	XX
2W7NCE	*	40.150	0.355	2.51	31.115	-0.313	-1.32	XX
31BYLK	X	39.750	-0.045	-0.32	39.715	8.287	34.89	XX
35JGHE	X	40.631	0.835	5.91	32.111	0.682	2.87	XX
3PSPP1		39.575	-0.220	-1.56	31.385	-0.043	-0.18	XX
4FCB12		39.915	0.120	0.85	31.940	0.512	2.15	XX
5LLABE		39.740	-0.055	-0.39	31.755	0.327	1.38	XX
5TRH6F		39.827	0.032	0.23	31.401	-0.027	-0.11	XX
5XALA5		39.835	0.040	0.28	31.565	0.137	0.58	XX
72D1QT		39.615	-0.180	-1.27	31.700	0.272	1.14	XX
7ZZ8HR		39.575	-0.220	-1.56	31.245	-0.183	-0.77	XX
8XJ27M		39.655	-0.140	-0.99	31.250	-0.178	-0.75	XX
961KXE		39.745	-0.050	-0.35	31.600	0.172	0.72	XX
96SGP2		39.605	-0.190	-1.34	31.140	-0.288	-1.21	XX
9LCC3J		39.990	0.195	1.38	31.485	0.057	0.24	XX
9RLDM2		39.785	-0.010	-0.07	31.430	0.002	0.01	XX
9WTZE5		40.030	0.235	1.66	31.320	-0.108	-0.46	XX
AGX4PK		39.670	-0.125	-0.88	31.540	0.112	0.47	XX
AXM3WS		39.690	-0.105	-0.74	31.425	-0.003	-0.01	XX
AYZWA7		39.995	0.200	1.41	31.600	0.172	0.72	XX
BHNDFL		39.815	0.020	0.14	31.185	-0.243	-1.02	XX
BTPHEN		39.725	-0.070	-0.50	31.100	-0.328	-1.38	XX
C6MDUU		39.615	-0.180	-1.27	31.425	-0.003	-0.01	XX
CYVA7Y		39.840	0.045	0.32	31.220	-0.208	-0.88	XX
DPYHXX		39.955	0.160	1.13	31.470	0.042	0.18	XX
EHCXHP		39.840	0.045	0.32	31.155	-0.273	-1.15	XX
EKES58		39.610	-0.185	-1.31	31.545	0.117	0.49	XX
EN43AT		39.570	-0.225	-1.59	31.235	-0.193	-0.81	XX
EXVD5M		39.915	0.120	0.85	31.980	0.552	2.32	XX

Plastics Interlaboratory Testing Program

Analysis 757

Ash Content in Thermoplastics - Percent

WebCode	Data Flag	Sample L65 Lab Mean	Sample L65 Diff from Grand Mean	Sample L65 CPV	Sample L66 Lab Mean	Sample L66 Diff from Grand Mean	Sample L66 CPV	Instr Code
F5U9UY		39.780	-0.015	-0.11	31.330	-0.098	-0.41	XX
FAE2D6		39.750	-0.045	-0.32	31.650	0.222	0.93	XX
FEF1WB		39.680	-0.115	-0.81	31.335	-0.093	-0.39	XX
FPEEEF		40.010	0.215	1.52	31.565	0.137	0.58	XX
GCCAXZ		39.870	0.075	0.53	31.590	0.162	0.68	XX
GH6NYA		39.900	0.105	0.74	31.350	-0.078	-0.33	XX
GX2AYB		39.905	0.110	0.78	31.495	0.067	0.28	XX
GZ6G32		39.960	0.165	1.17	31.165	-0.263	-1.11	XX
J1CYH6		39.505	-0.290	-2.05	31.255	-0.173	-0.73	XX
JNGYHN		39.550	-0.245	-1.73	31.200	-0.228	-0.96	XX
JQDSQY		39.860	0.065	0.46	31.100	-0.328	-1.38	XX
L9YW6G		39.915	0.120	0.85	31.095	-0.333	-1.40	XX
LR73VQ	*	39.590	-0.205	-1.45	30.735	-0.693	-2.92	XX
LZBVQ7	*	39.745	-0.050	-0.35	32.140	0.712	3.00	XX
M126FZ		39.900	0.105	0.74	31.780	0.352	1.48	XX
MN12DZ		39.840	0.045	0.32	31.355	-0.073	-0.31	XX
MN2XVA		39.750	-0.045	-0.32	31.070	-0.358	-1.51	XX
NX1TFY		39.845	0.050	0.35	31.255	-0.173	-0.73	XX
P75TF7		39.575	-0.220	-1.56	31.545	0.117	0.49	XX
P7QKEJ		39.930	0.135	0.95	31.475	0.047	0.20	XX
PA473W		39.800	0.005	0.03	31.610	0.182	0.77	XX
PS8PZN		39.655	-0.140	-0.99	31.605	0.177	0.74	XX
QDKUEG		39.730	-0.065	-0.46	31.325	-0.103	-0.43	XX
R7W3AD		39.900	0.105	0.74	31.485	0.057	0.24	XX
REWUT3		39.839	0.043	0.31	31.588	0.159	0.67	XX
S1QMNA		39.745	-0.050	-0.35	31.350	-0.078	-0.33	XX
S4RUWZ		39.915	0.120	0.85	31.280	-0.148	-0.62	XX
T4GVUJ		39.730	-0.065	-0.46	31.475	0.047	0.20	XX
TF62J7		39.850	0.055	0.39	31.450	0.022	0.09	XX
V32M41		39.610	-0.185	-1.31	31.515	0.087	0.37	XX
V3M9SA		39.900	0.105	0.74	31.510	0.082	0.34	XX
X93P9C		39.975	0.180	1.27	31.355	-0.073	-0.31	XX

Plastics Interlaboratory Testing Program

Analysis 757

Ash Content in Thermoplastics - Percent

WebCode	Data Flag	Sample L65 Lab Mean	Sample L65 Diff from Grand Mean	Sample L65 CPV	Sample L66 Lab Mean	Sample L66 Diff from Grand Mean	Sample L66 CPV	Instr Code
XRNAXA		39.910	0.115	0.81	31.540	0.112	0.47	XX
ZH2ZMT		39.880	0.085	0.60	31.805	0.377	1.59	XX

Summary Statistics

	Sample L65	Sample L66
Grand Means	39.7952 Percent	31.4283 Percent
Stnd Dev Btwn Labs	0.1414 Percent	0.2375 Percent

Statistics based on 64 of 66 reporting participants

Sample L65: PP **& Sample L66:** PP

Comments on assigned Data Flags for Test #757

31BYLK (X) - High data for Sample L66.

35JGHE (X) - High data for all samples. Inconsistent in testing within both sample sets.

Instrument Code List as Reported by the Labs

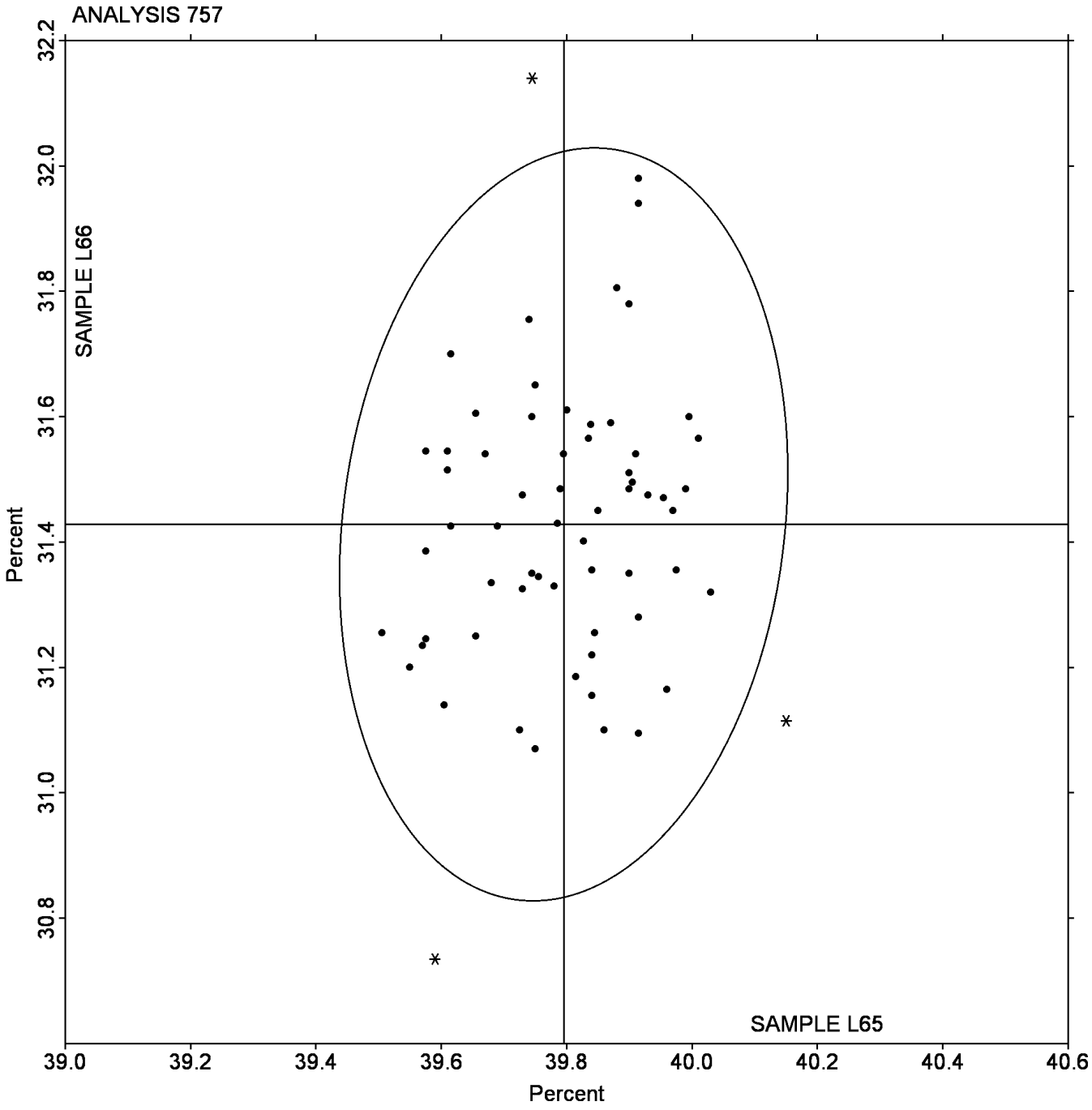
(XX) - Instrument Codes not used by CTS at this time

Plastics Interlaboratory Testing Program

Analysis 757

Ash Content in Thermoplastics - Percent

Grand Mean Sample L65: 39.795 Percent **Grand Mean Sample L66:** 31.428 Percent



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 770

Tensile Stress at Yield, Film Samples - psi

WebCode	Data Flag	Sample B65 Lab Mean	Sample B65 Diff from Grand Mean	Sample B65 CPV	Sample B66 Lab Mean	Sample B66 Diff from Grand Mean	Sample B66 CPV	Instr Code
1Q3KQ2		2,171	186	0.63	2,344	290	0.92	TY
1Z731Z		2,174	190	0.65	2,197	143	0.46	IM
2WR11X		2,080	96	0.32	2,243	189	0.60	SH
33U8AY		2,188	203	0.69	2,342	288	0.92	IN
4D1AQH		1,556	-429	-1.46	1,572	-482	-1.53	IN
5YCLX5		2,216	232	0.79	2,369	315	1.00	TH
6JKWS1		1,775	-209	-0.71	1,822	-232	-0.74	IN
7Q11TZ		2,178	193	0.66	2,196	142	0.45	IN
8D175N		1,459	-526	-1.78	1,557	-497	-1.58	MT
8FBJ75		2,283	299	1.01	2,379	325	1.03	IN
9KEMYJ		2,002	18	0.06	2,171	117	0.37	XX
CDJTF1		1,913	-71	-0.24	1,895	-159	-0.51	IN
F4Q56N	X	2,063	79	0.27	2,530	476	1.52	IN
GQ4KG7		2,234	249	0.85	2,260	206	0.66	TH
HZTXHX		1,970	-15	-0.05	2,020	-34	-0.11	IR
JXSLM2		1,479	-505	-1.71	1,488	-566	-1.80	IN
MLR18T		2,187	203	0.69	2,261	207	0.66	IN
N6R64K		1,354	-631	-2.14	1,450	-604	-1.92	XX
N9A81S		2,190	206	0.70	2,277	223	0.71	XX
NFSQAT		2,134	149	0.51	2,131	77	0.24	XX
PXRE73		2,199	215	0.73	2,294	240	0.76	IN
RADDBP		1,638	-346	-1.18	1,667	-387	-1.23	UC
S8NT9K		2,126	142	0.48	2,193	139	0.44	IR
UFJLHQ		1,771	-214	-0.72	1,771	-283	-0.90	IM
VHVT2G		2,348	364	1.24	2,397	344	1.09	TH

Plastics Interlaboratory Testing Program
Analysis 770
Tensile Stress at Yield, Film Samples - psi

Summary Statistics

Grand Means	1,984.2 psi	2,054.0 psi
Stnd Dev Btwn Labs	294.6 psi	314.3 psi

Statistics based on 24 of 25 reporting participants

Sample B65: LDPE **&** **Sample B66:** LDPE

Comments on assigned Data Flags for Test #770

F4Q56N (X) - Inconsistent in testing between samples.

Instrument Code List as Reported by the Labs

(IM) - Instru-Met Instruments

(IN) - Instron

(IR) - Instron with retrofit

(MT) - MTS/Sintech

(SH) - Shimadzu

(TH) - Thwing Albert

(TY) - Toyoseiki

(UC) - United

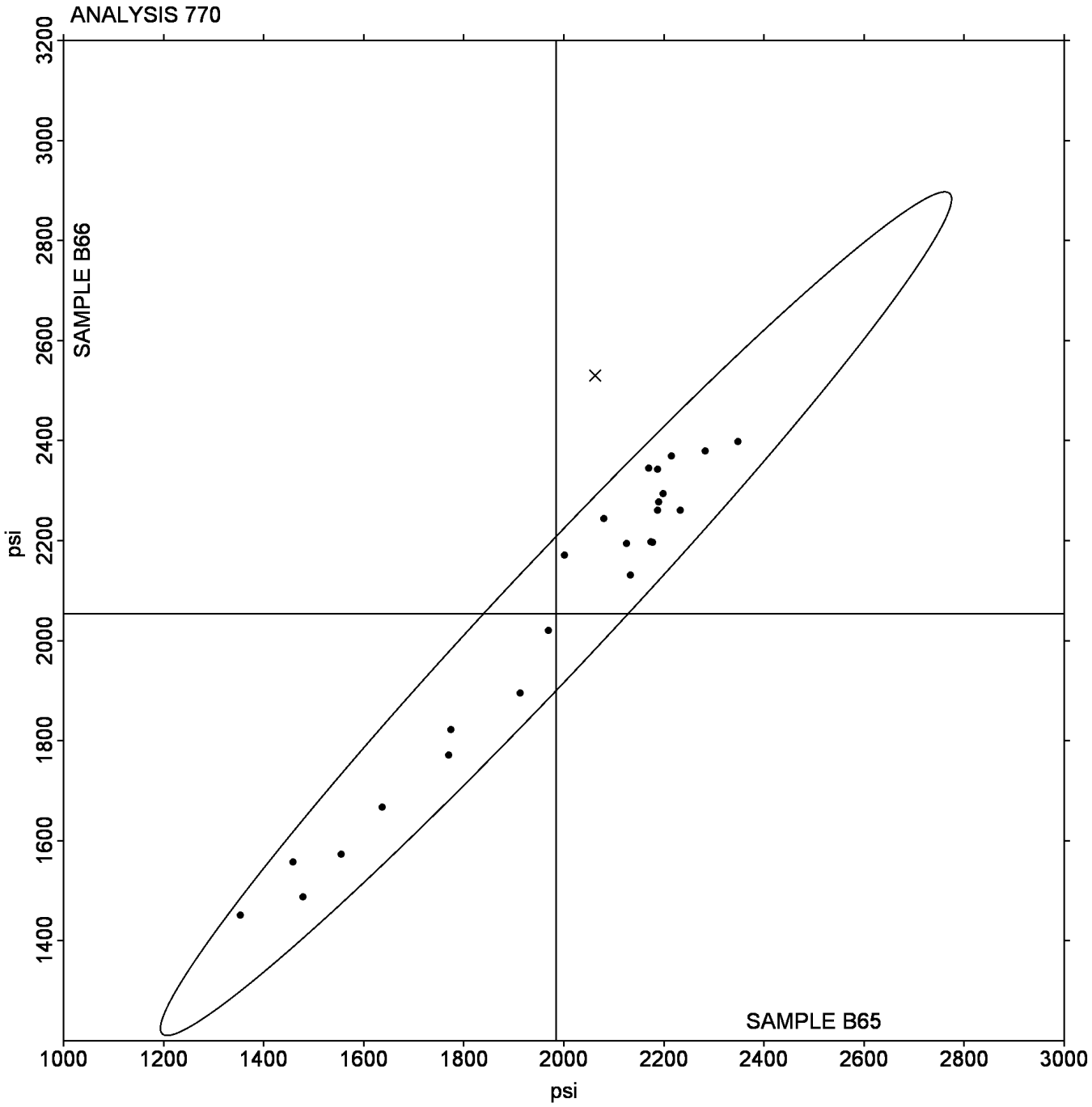
(XX) - Instrument manufacturer not specified by lab

Plastics Interlaboratory Testing Program

Analysis 770

Tensile Stress at Yield, Film Samples - psi

Grand Mean Sample B65: 1,984.24 psi **Grand Mean Sample B66:** 2,053.96 psi



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 771

Tensile Stress at Break, Film Samples - psi

WebCode	Data Flag	Sample B65 Lab Mean	Sample B65 Diff from Grand Mean	Sample B65 CPV	Sample B66 Lab Mean	Sample B66 Diff from Grand Mean	Sample B66 CPV	Instr Code
2BX9KL		4,086	572	0.94	4,196	604	1.13	HO
3AYWLC		2,366	-1,149	-1.88	2,856	-736	-1.38	UC
3H1YUJ		3,772	258	0.42	3,750	157	0.29	IN
3TW3PC		3,954	440	0.72	3,748	155	0.29	IN
6H1W9Q	*	1,748	-1,766	-2.90	1,902	-1,691	-3.18	MT
7ERUH4		2,896	-619	-1.01	3,093	-500	-0.94	IN
8J7TXS		3,525	10	0.02	3,618	25	0.05	IM
8SD8CR		3,211	-303	-0.50	3,343	-250	-0.47	SH
91RGTK		3,605	90	0.15	3,546	-47	-0.09	IN
BGDX99		3,496	-19	-0.03	3,667	75	0.14	IM
CC8SU2		3,061	-454	-0.74	2,908	-684	-1.29	IN
D6ED4Y		3,878	364	0.60	3,958	365	0.69	TH
DTWADV	*	2,756	-759	-1.24	3,365	-228	-0.43	XX
F8FDK2		4,068	553	0.91	4,079	486	0.91	IN
G5ECUB		2,837	-678	-1.11	3,122	-470	-0.88	UC
JRHVWW		4,621	1,106	1.81	4,458	865	1.63	IR
KA4MG7		3,827	313	0.51	4,040	447	0.84	IN
MVEGQP		3,808	293	0.48	3,822	229	0.43	IR
TVTMHD		3,380	-134	-0.22	3,246	-346	-0.65	IN
UM45VJ		3,708	193	0.32	3,492	-101	-0.19	IN
V637WM		3,227	-287	-0.47	3,398	-194	-0.37	XX
W92GJD		3,914	400	0.66	4,027	434	0.82	TH
X7JGG5		4,035	521	0.85	4,143	551	1.03	TY
XGUR9H		3,611	97	0.16	3,771	178	0.33	XX
XVXMG4		3,822	307	0.50	3,825	232	0.44	IN
YNZYWJ		4,084	569	0.93	4,064	471	0.88	IN
YSYW8R		4,024	510	0.84	4,048	455	0.85	TH
Z1YC7M		3,083	-432	-0.71	3,111	-481	-0.90	IN

Plastics Interlaboratory Testing Program
Analysis 771
Tensile Stress at Break, Film Samples - psi

Summary Statistics

Grand Means	3,514.3 psi	3,592.7 psi
Stnd Dev Btwn Labs	609.8 psi	532.5 psi

Statistics based on 28 of 28 reporting participants

Sample B65: LDPE **&** **Sample B66:** LDPE

Instrument Code List as Reported by the Labs

(HO) - Hounsfield Instruments

(IM) - Instru-Met Instruments

(IN) - Instron

(IR) - Instron with retrofit

(MT) - MTS/Sintech

(SH) - Shimadzu

(TH) - Thwing Albert

(TY) - Toyoseiki

(UC) - United

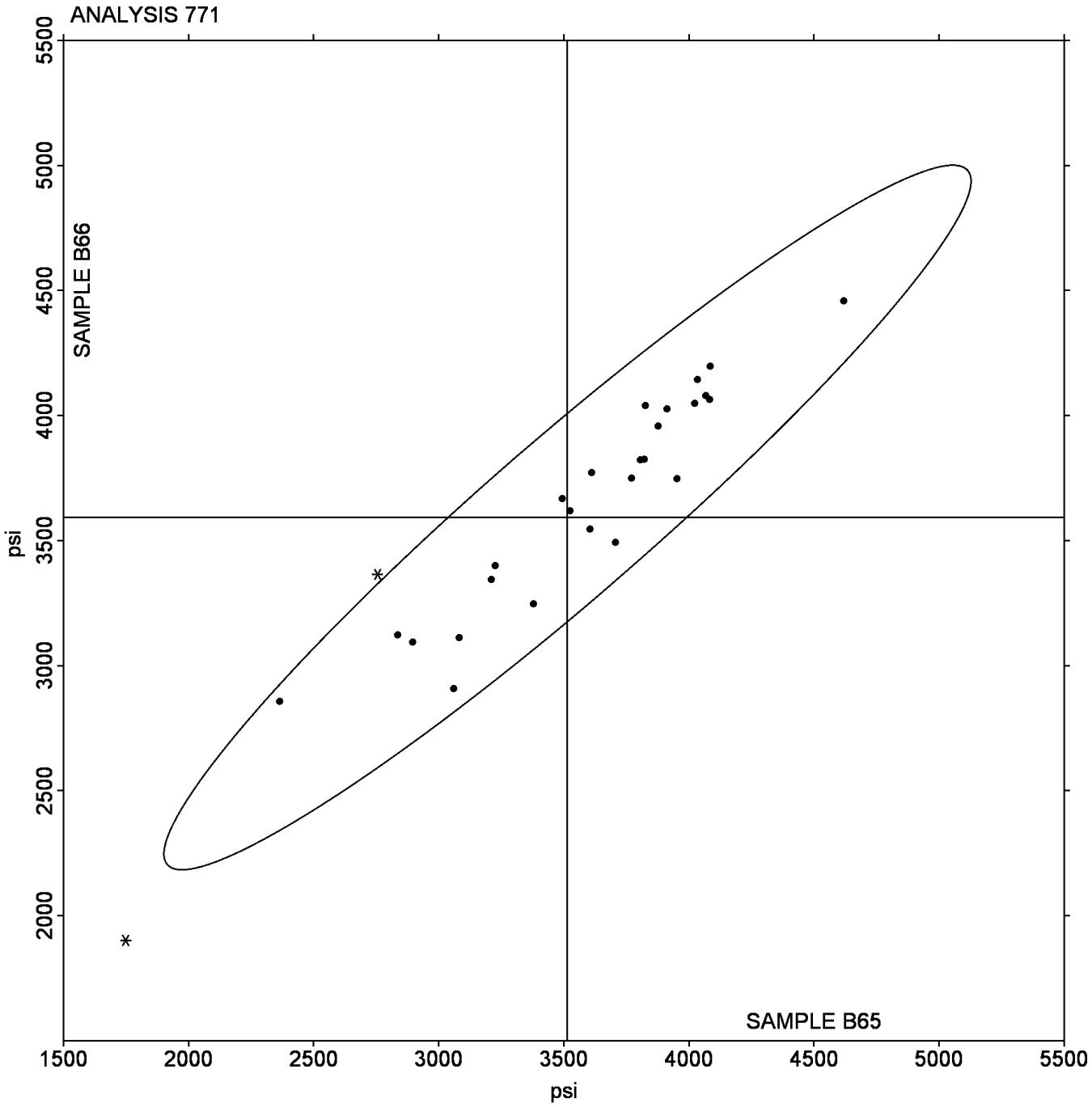
(XX) - Instrument manufacturer not specified by lab

Plastics Interlaboratory Testing Program

Analysis 771

Tensile Stress at Break, Film Samples - psi

Grand Mean Sample B65: 3,514.30 psi **Grand Mean Sample B66:** 3,592.67 psi



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 772

Percent Elongation at Yield, Films

WebCode	Data Flag	Sample B65 Lab Mean	Sample B65 Diff from Grand Mean	Sample B65 CPV	Sample B66 Lab Mean	Sample B66 Diff from Grand Mean	Sample B66 CPV	Instr Code
3JM14C		96.33	27.01	0.62	101.18	30.70	0.68	IN
62UG6A		113.73	44.41	1.02	113.79	43.31	0.96	XX
6YBF93		6.00	-63.32	-1.45	5.33	-65.14	-1.45	XX
7EL5W8		18.33	-50.99	-1.17	20.40	-50.08	-1.11	UC
86JU44		97.88	28.56	0.65	96.11	25.63	0.57	IR
8F8H2S		91.62	22.30	0.51	94.01	23.54	0.52	IM
8X6E1U		75.67	6.35	0.15	78.72	8.24	0.18	IN
ABY9B6		8.49	-60.83	-1.39	8.28	-62.19	-1.38	IN
BCXZR6		17.60	-51.72	-1.18	17.21	-53.27	-1.18	IN
C3S4Y8		24.10	-45.22	-1.03	24.94	-45.54	-1.01	IM
CDN4LK	X	59.70	-9.62	-0.22	26.70	-43.78	-0.97	MT
D54CHZ		112.17	42.85	0.98	112.24	41.76	0.93	TH
EERSNE		101.60	32.28	0.74	98.30	27.82	0.62	XX
MZFXQH		30.01	-39.31	-0.90	28.46	-42.01	-0.93	IR
NKHASP		82.76	13.44	0.31	82.92	12.45	0.28	IN
NT7SDK		95.99	26.67	0.61	96.11	25.63	0.57	IN
S3P64Q		106.96	37.64	0.86	110.16	39.68	0.88	IN
SLRDFQ		90.00	20.68	0.47	90.60	20.12	0.45	XX
UY6U25	*	137.50	68.18	1.56	149.60	79.12	1.76	SH
YYGVLN		10.33	-58.99	-1.35	10.67	-59.81	-1.33	IN

Summary Statistics

Grand Means

69.319 Percent — 70.476 Percent

Stnd Dev Btwn Labs

43.699 Percent — 45.056 Percent

Statistics based on 19 of 20 reporting participants

Sample B65: LDPE **&** **Sample B66:** LDPE

Comments on assigned Data Flags for Test #772

CDN4LK (X) - Inconsistent in testing between samples and inconsistent in testing within both samples.

Plastics Interlaboratory Testing Program
Analysis 772
Percent Elongation at Yield, Films

Instrument Code List as Reported by the Labs

(IM) - Instru-Met Instruments

(IN) - Instron

(IR) - Instron with retrofit

(MT) - MTS/Sintech

(SH) - Shimadzu

(TH) - Thwing Albert

(UC) - United

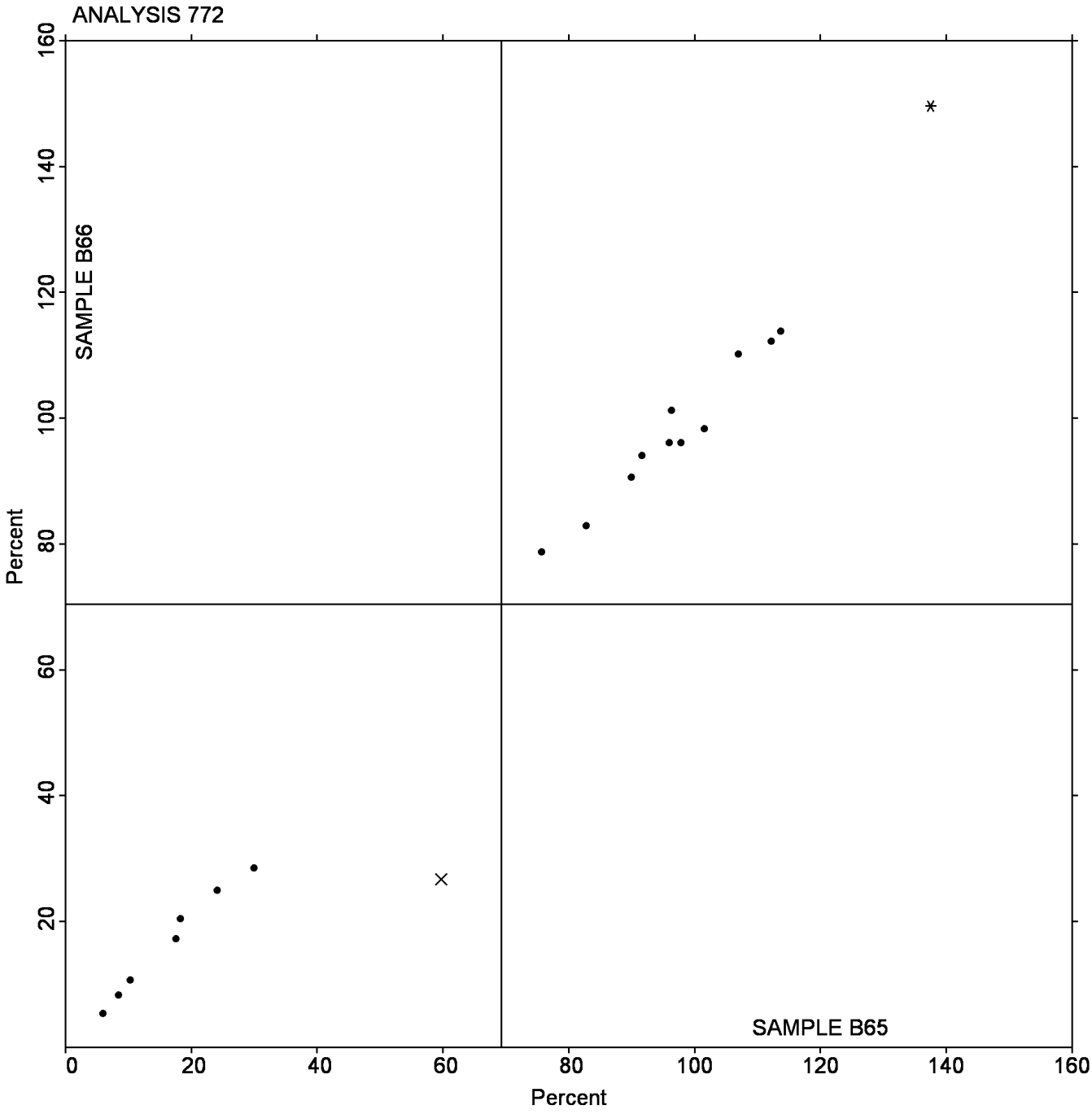
(XX) - Instrument manufacturer not specified by lab

Plastics Interlaboratory Testing Program

Analysis 772

Percent Elongation at Yield, Films

Grand Mean Sample B65: 69.319 Percent **Grand Mean Sample B66:** 70.476 Percent



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 773

Percent Elongation at Break, Film Samples

WebCode	Data Flag	Sample B65 Lab Mean	Sample B65 Diff from Grand Mean	Sample B65 CPV	Sample B66 Lab Mean	Sample B66 Diff from Grand Mean	Sample B66 CPV	Instr Code
165ZKV	X	204.0	-510.1	-4.25	105.8	-594.8	-4.72	MT
18ZMBS		937.3	223.2	1.86	957.1	256.5	2.04	XX
2DRG44		724.6	10.5	0.09	689.4	-11.2	-0.09	IR
2FBW8Z		710.0	-4.0	-0.03	716.7	16.1	0.13	IM
3B6WZD		809.1	95.0	0.79	806.0	105.4	0.84	XX
483CMD		540.0	-174.0	-1.45	507.3	-193.4	-1.53	IN
6BK7ZH		598.3	-115.8	-0.97	561.4	-139.3	-1.11	HO
A1HF5J		640.9	-73.2	-0.61	636.2	-64.4	-0.51	XX
C9318Z		670.1	-44.0	-0.37	679.7	-21.0	-0.17	IN
DV5MTB		637.6	-76.5	-0.64	641.2	-59.4	-0.47	TH
E2MRPX		693.9	-20.2	-0.17	680.3	-20.3	-0.16	TH
EV3NJF		751.4	37.3	0.31	690.3	-10.3	-0.08	XX
FH7EZY		463.4	-250.7	-2.09	413.1	-287.5	-2.28	XX
H6DC94		671.6	-42.5	-0.35	714.4	13.8	0.11	IM
JN8G3Q	X	667.5	-46.6	-0.39	876.3	175.7	1.39	XX
KVFU4S		815.5	101.4	0.85	819.0	118.4	0.94	TH
L59G92		813.2	99.1	0.83	808.1	107.5	0.85	IN
MCTSMV		622.9	-91.2	-0.76	671.2	-29.4	-0.23	XX
NNJ7CQ		688.8	-25.3	-0.21	663.7	-36.9	-0.29	IN
NVKZXB		867.3	153.2	1.28	834.3	133.7	1.06	SH
PDWGFQ		590.1	-124.0	-1.03	537.7	-162.9	-1.29	IN
RK427R		876.6	162.5	1.35	829.7	129.1	1.02	IN
RR2QSB		622.0	-92.1	-0.77	582.4	-118.2	-0.94	IN
SU3D6K		824.5	110.4	0.92	831.0	130.4	1.03	IR
W2R86J		655.1	-59.0	-0.49	689.1	-11.5	-0.09	XX
X11NQK		924.4	210.3	1.75	886.7	186.1	1.48	IN
Z13YVF		703.4	-10.7	-0.09	670.1	-30.5	-0.24	XX

Plastics Interlaboratory Testing Program
Analysis 773
Percent Elongation at Break, Film Samples

Summary Statistics

Grand Means		
	714.08 Percent	700.64 Percent
Stnd Dev Btwn Labs		
	119.91 Percent	126.01 Percent

Statistics based on 25 of 27 reporting participants

Sample B65: LDPE **&** **Sample B66:** LDPE

Comments on assigned Data Flags for Test #773

165ZKV (X) - Low data for all samples.

JN8G3Q (X) - Inconsistent in testing between samples and inconsistent in testing within both samples.

Instrument Code List as Reported by the Labs

(HO) - Hounsfield Instruments

(IM) - Instru-Met Instruments

(IN) - Instron

(IR) - Instron with retrofit

(MT) - MTS/Sintech

(SH) - Shimadzu

(TH) - Thwing Albert

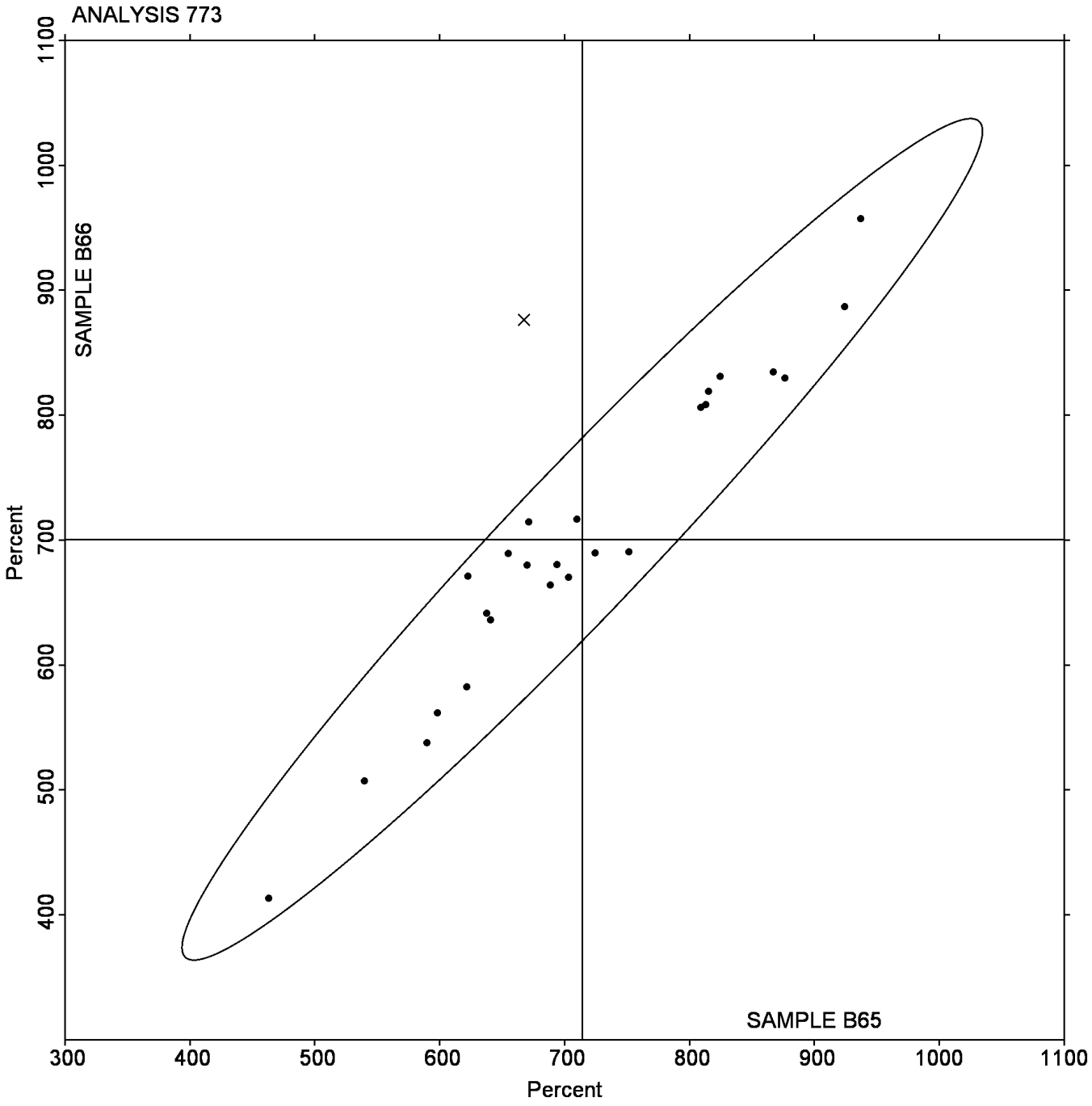
(XX) - Instrument manufacturer not specified by lab

Plastics Interlaboratory Testing Program

Analysis 773

Percent Elongation at Break, Film Samples

Grand Mean Sample B65: 714.08 Percent **Grand Mean Sample B66:** 700.64 Percent



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 774

Thickness of Film Tensile Samples - mils

WebCode	Data Flag	Sample B65 Lab Mean	Sample B65 Diff from Grand Mean	Sample B65 CPV	Sample B66 Lab Mean	Sample B66 Diff from Grand Mean	Sample B66 CPV	Instr Code
2G3GW9		2.8830	-0.0354	-0.40	2.8780	0.0009	0.01	XX
3HAR2L		2.8650	-0.0534	-0.61	2.9050	0.0279	0.39	XX
5KG487		2.8800	-0.0384	-0.44	2.8600	-0.0171	-0.24	XX
5MP9U8		2.9400	0.0216	0.25	2.9400	0.0629	0.87	XX
6C2JX8		2.8750	-0.0434	-0.49	2.8300	-0.0471	-0.65	XX
A9AU64		2.8530	-0.0654	-0.74	2.8130	-0.0641	-0.89	XX
E3NM68		2.8583	-0.0601	-0.68	2.8623	-0.0148	-0.20	XX
G8QS45		2.9560	0.0376	0.43	2.9690	0.0919	1.27	XX
GA3ZNW		2.9067	-0.0117	-0.13	2.9237	0.0466	0.64	XX
KFTKWN		2.9040	-0.0144	-0.16	2.8960	0.0189	0.26	XX
L6VJJU		3.0000	0.0816	0.93	2.9600	0.0829	1.15	XX
P75D2S		2.7600	-0.1584	-1.80	2.7600	-0.1171	-1.62	XX
PD4HWB		2.8310	-0.0874	-0.99	2.8590	-0.0181	-0.25	XX
Q5ZZLD		2.9803	0.0619	0.70	2.8268	-0.0503	-0.70	XX
QV2EVD		2.9700	0.0516	0.59	2.8690	-0.0081	-0.11	XX
RBMFW9		3.0669	0.1485	1.69	2.9016	0.0245	0.34	XX
RPHPV4		2.9000	-0.0184	-0.21	2.8300	-0.0471	-0.65	XX
RTSCKM		2.8700	-0.0484	-0.55	2.9200	0.0429	0.59	XX
SBTZLQ		2.8870	-0.0314	-0.36	2.7940	-0.0831	-1.15	XX
SGUV65		2.9930	0.0746	0.85	2.9920	0.1149	1.59	XX
TG93PK		2.9540	0.0356	0.40	2.8640	-0.0131	-0.18	XX
TPFCQC		2.8250	-0.0934	-1.06	2.7800	-0.0971	-1.34	XX
U422YT		2.7914	-0.1270	-1.44	2.7245	-0.1526	-2.11	XX
UBK56W		2.7700	-0.1484	-1.69	2.7500	-0.1271	-1.76	XX
WCMSJY	*	3.1500	0.2316	2.63	3.0000	0.1229	1.70	XX
XF2K5L		3.0157	0.0973	1.11	3.0079	0.1308	1.81	XX
XQFJ3V		2.8700	-0.0484	-0.55	2.8700	-0.0071	-0.10	XX
XX1BUK		2.9890	0.0706	0.80	2.8600	-0.0171	-0.24	XX
YTJYHJ		2.9950	0.0766	0.87	2.9300	0.0529	0.73	XX
YVEJKA		2.9000	-0.0184	-0.21	2.9000	0.0229	0.32	XX
YXYKGH		3.0315	0.1131	1.28	2.9134	0.0363	0.50	XX

Plastics Interlaboratory Testing Program

Analysis 774

Thickness of Film Tensile Samples - mils

Summary Statistics

Grand Means		
	2.91842 mils	2.87706 mils
Stnd Dev Btwn Labs		
	0.08800 mils	0.07236 mils

Statistics based on 31 of 31 reporting participants

Sample B65: LDPE **&** **Sample B66:** LDPE

Instrument Code List as Reported by the Labs

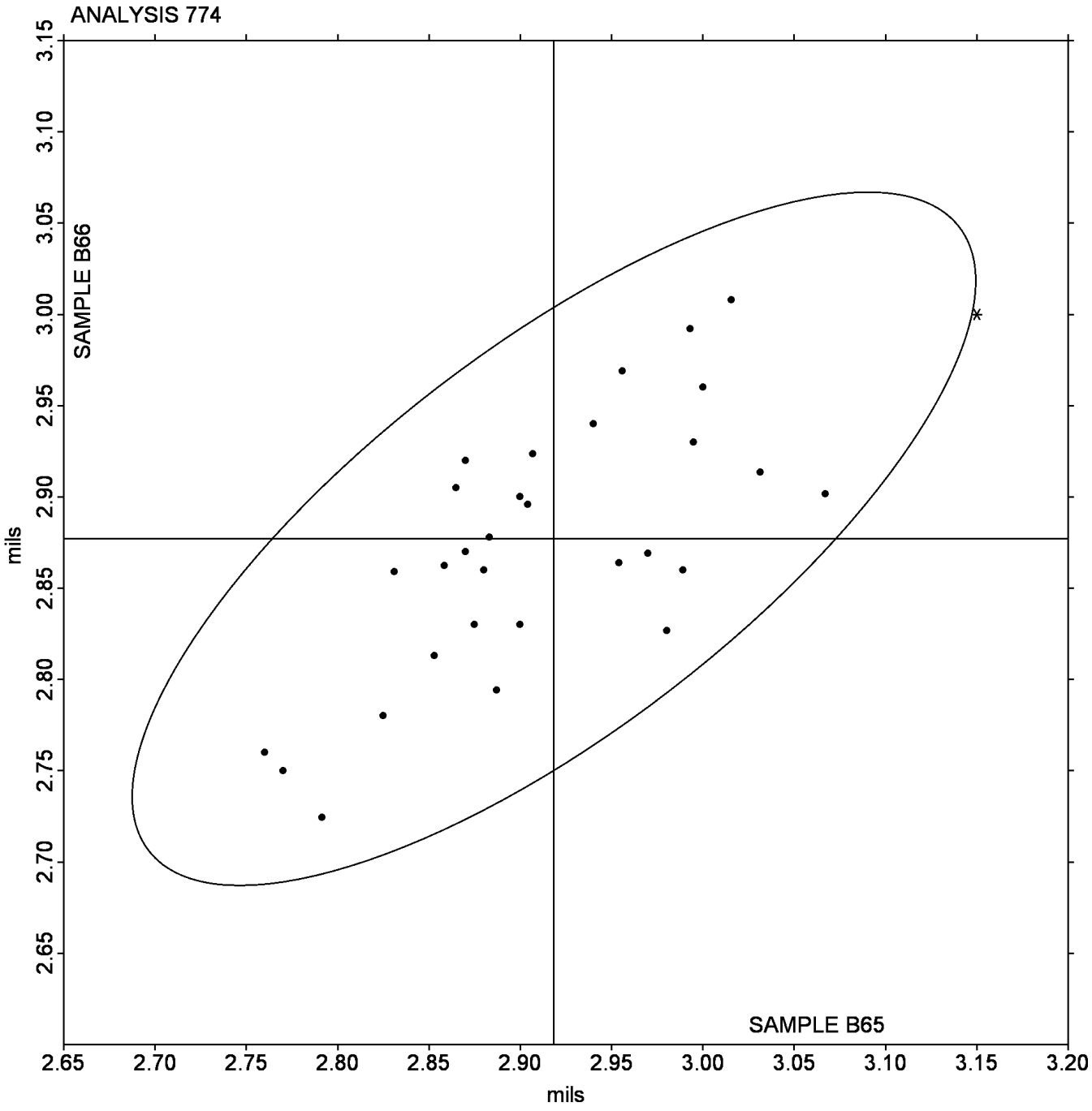
(XX) - Instrument Codes not used by CTS at this time

Plastics Interlaboratory Testing Program

Analysis 774

Thickness of Film Tensile Samples - mils

Grand Mean Sample B65: 2.9184 mils **Grand Mean Sample B66:** 2.8771 mils



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 775

Secant Modulus at 1% Strain - psi

WebCode	Data Flag	Sample B65 Lab Mean	Sample B65 Diff from Grand Mean	Sample B65 CPV	Sample B66 Lab Mean	Sample B66 Diff from Grand Mean	Sample B66 CPV	Instr Code
3MDYRB		36,078	4,454	0.70	35,333	4,167	0.66	IN
6FYTNV		32,031	406	0.06	31,858	693	0.11	IM
8D26AH		31,442	-183	-0.03	31,817	652	0.10	IM
E16CKF		29,454	-2,170	-0.34	29,547	-1,619	-0.26	UC
EWRQ34		31,351	-273	-0.04	31,153	-12	0.00	IN
F49PF1		29,688	-1,936	-0.30	29,914	-1,252	-0.20	IN
JV85R9		26,212	-5,413	-0.85	24,447	-6,718	-1.07	XX
RX4RZS		36,326	4,701	0.74	36,352	5,187	0.82	IN
U7Y13J		28,773	-2,852	-0.45	28,561	-2,604	-0.41	IN
VNQWYU		33,325	1,700	0.27	34,701	3,536	0.56	TH
VRPM77		34,305	2,680	0.42	33,140	1,975	0.31	IN
VXXB52		44,974	13,349	2.10	42,416	11,251	1.78	XX
ZL4GY9		17,163	-14,462	-2.27	15,911	-15,255	-2.42	XX

Summary Statistics

	Sample B65	Sample B66
Grand Means	31,624.8 psi	31,165.3 psi
Stnd Dev Btwn Labs	6,360.8 psi	6,304.5 psi

Statistics based on 13 of 13 reporting participants

Sample B65: LDPE **& Sample B66:** LDPE

Instrument Code List as Reported by the Labs

(IM) - Instru-Met Instruments

(IN) - Instron

(TH) - Thwing Albert

(UC) - United

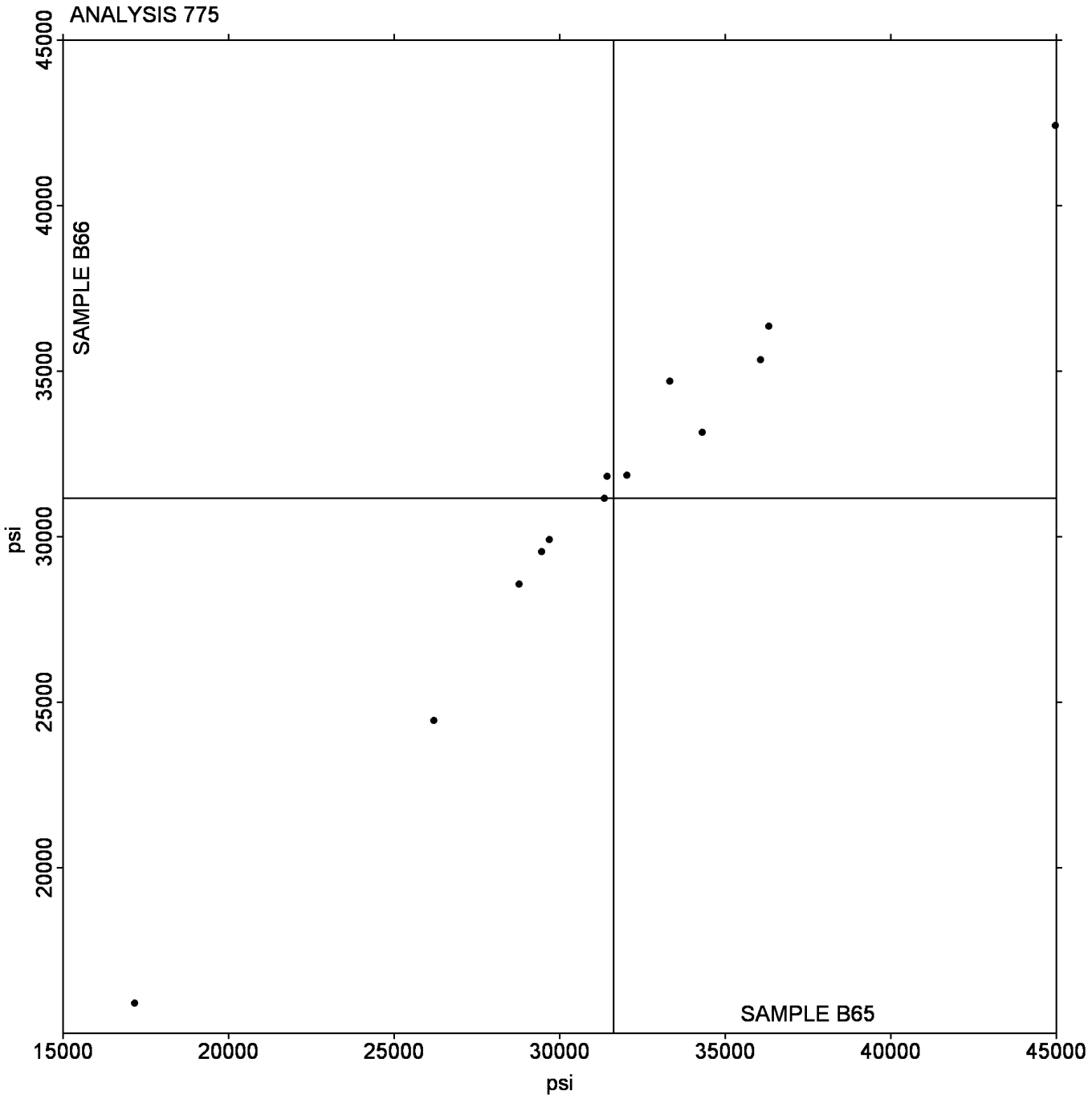
(XX) - Instrument manufacturer not specified by lab

Plastics Interlaboratory Testing Program

Analysis 775

Secant Modulus at 1% Strain - psi

Grand Mean Sample B65: 31,624.75 psi **Grand Mean Sample B66:** 31,165.34 psi



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 776

Secant Modulus at 2% Strain - psi

WebCode	Data Flag	Sample B65 Lab Mean	Sample B65 Diff from Grand Mean	Sample B65 CPV	Sample B66 Lab Mean	Sample B66 Diff from Grand Mean	Sample B66 CPV	Instr Code
4V2FZ7		14,993	-12,292	-2.18	14,730	-12,498	-2.24	XX
71C1CT		27,697	411	0.07	27,540	313	0.06	IM
A9E4BN		36,745	9,459	1.68	36,314	9,086	1.63	MT
DVWBP5		30,606	3,320	0.59	30,767	3,539	0.63	IN
L3Z745		27,229	-57	-0.01	27,364	137	0.02	IM
N2QPJQ		25,144	-2,142	-0.38	25,064	-2,163	-0.39	IN
NE1PAW		25,459	-1,826	-0.32	25,742	-1,486	-0.27	UC
QBT7PR		25,756	-1,529	-0.27	26,068	-1,160	-0.21	IN
WPAY8M		27,012	-273	-0.05	26,858	-370	-0.07	IN
Y86M8F		32,215	4,929	0.87	31,829	4,601	0.82	IN

Summary Statistics

	Sample B65	Sample B66
Grand Means	27,285.6 psi	27,227.5 psi
Stnd Dev Btwn Labs	5,641.1 psi	5,587.1 psi

Statistics based on 10 of 10 reporting participants

Sample B65: LDPE **& Sample B66:** LDPE

Instrument Code List as Reported by the Labs

(IM) - Instru-Met Instruments

(IN) - Instron

(MT) - MTS/Sintech

(UC) - United

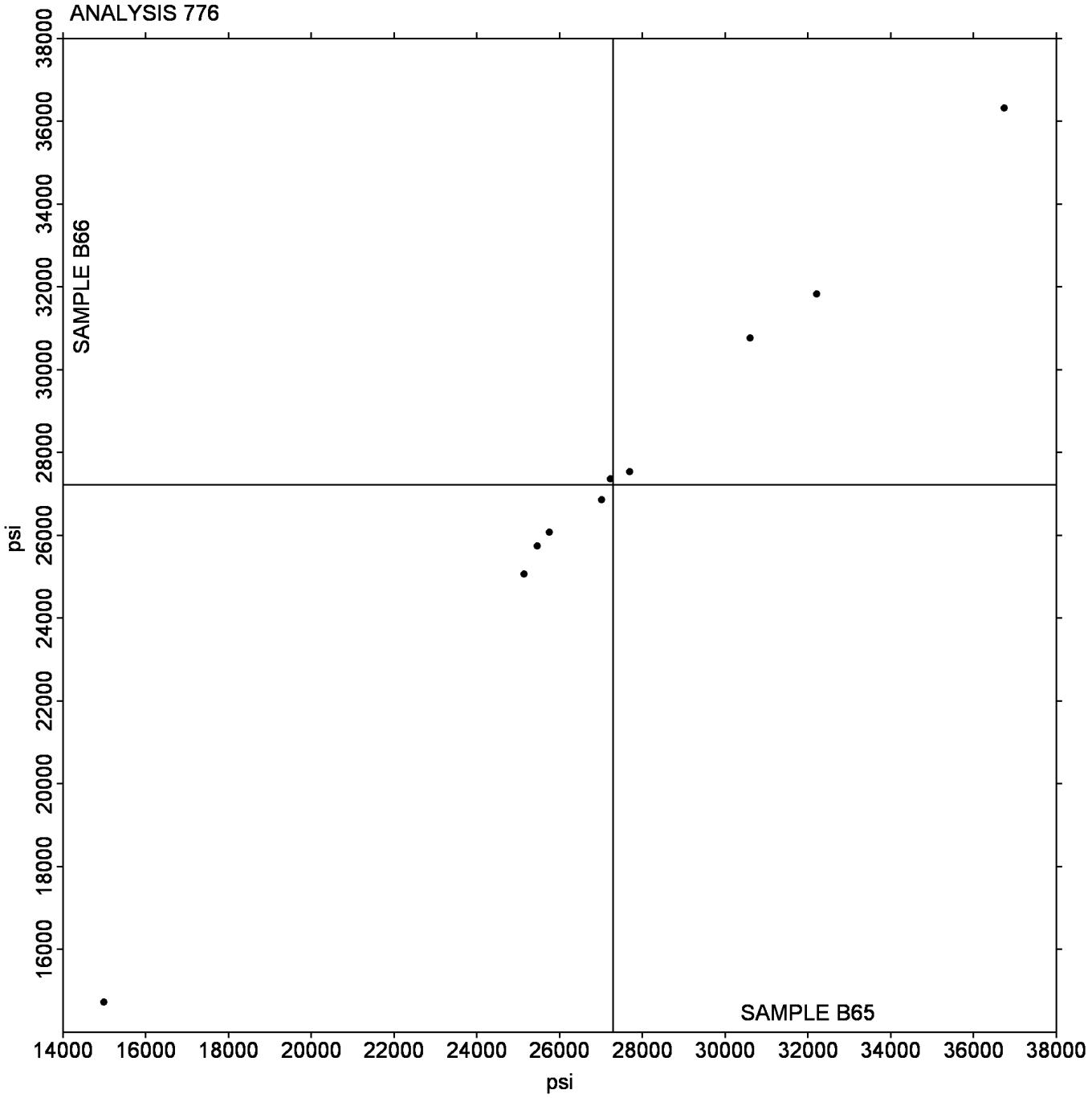
(XX) - Instrument manufacturer not specified by lab

Plastics Interlaboratory Testing Program

Analysis 776

Secant Modulus at 2% Strain - psi

Grand Mean Sample B65: 27,285.62 psi **Grand Mean Sample B66:** 27,227.47 psi



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 780

Coefficient of Static Friction

WebCode	Data Flag	Sample P65 Lab Mean	Sample P65 Diff from Grand Mean	Sample P65 CPV	Sample P66 Lab Mean	Sample P66 Diff from Grand Mean	Sample P66 CPV	Instr Code
2BBUVJ	X	0.2920	0.1090	1.95	0.3740	0.1928	4.64	KA
2FQ272		0.1942	0.0112	0.20	0.1932	0.0120	0.29	TH
3J7EUA		0.1650	-0.0180	-0.32	0.1686	-0.0126	-0.30	DY
4WUHVM		0.1674	-0.0156	-0.28	0.1762	-0.0050	-0.12	TH
9D8Z29		0.1806	-0.0024	-0.04	0.1814	0.0002	0.01	TN
A63N25		0.1238	-0.0592	-1.06	0.1268	-0.0544	-1.31	TM
AD1AZW		0.2174	0.0344	0.62	0.2142	0.0330	0.79	TN
ALBQGC		0.1395	-0.0436	-0.78	0.1317	-0.0494	-1.19	IG
AYXMA4		0.2026	0.0196	0.35	0.2040	0.0228	0.55	MS
C5Z8NQ		0.2280	0.0450	0.80	0.2280	0.0468	1.13	XX
CU7JH2		0.2386	0.0556	0.99	0.2186	0.0374	0.90	IS
GWMUNQ		0.1016	-0.0814	-1.46	0.1016	-0.0796	-1.92	IP
JS31XE		0.1874	0.0044	0.08	0.1634	-0.0178	-0.43	UT
MAB2HR		0.2134	0.0304	0.54	0.2243	0.0431	1.04	CH
NVCGE8		0.1118	-0.0712	-1.27	0.1274	-0.0538	-1.29	TH
PM9T4U		0.1314	-0.0516	-0.92	0.1494	-0.0318	-0.77	TH
R6H8JY		0.1604	-0.0226	-0.40	0.1706	-0.0106	-0.25	TH
SCHD48		0.2220	0.0390	0.70	0.2196	0.0384	0.92	UT
VXRNFP		0.1510	-0.0320	-0.57	0.1840	0.0028	0.07	TN
XWTYLJ	*	0.3414	0.1584	2.83	0.2594	0.0782	1.88	IQ

Summary Statistics

Grand Means

0.18302 COF — 0.18118 COF

Stnd Dev Btwn Labs

0.05589 COF — 0.04154 COF

Statistics based on 19 of 20 reporting participants

Sample P65: LDPE **& Sample P66:** LDPE

Comments on assigned Data Flags for Test #780

2BBUVJ (X) - Inconsistent in testing between samples, data for Sample P66 are high. Inconsistent in testing within Sample P66.

Plastics Interlaboratory Testing Program
Analysis 780
Coefficient of Static Friction

Instrument Code List as Reported by the Labs

(CH) - ChemInstruments AR-1000

(DY) - Dynisco Model D1055

(IG) - Instron

(IP) - Instron 4400 Series

(IQ) - Instron 4500 series

(IS) - Instron Model 5565

(KA) - Kayeness Inc.

(MS) - MTS Sintech

(TH) - Thwing Albert Friction/Peel Tester Model 225-1

(TM) - TMI Slip and Friction Tester Model 98

(TN) - TMI #32-06

(UT) - United Testing Systems (model not specified)

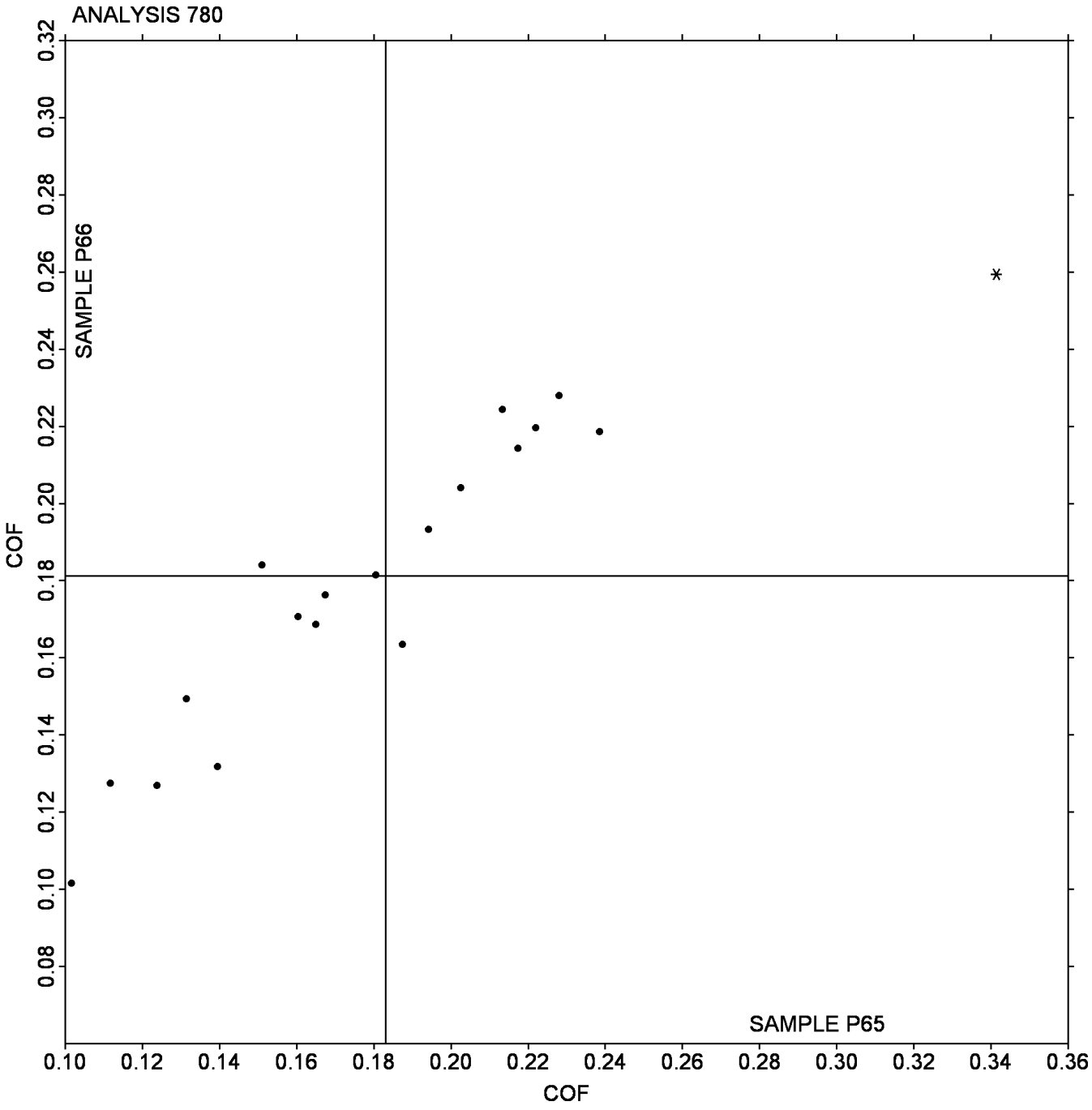
(XX) - Instrument make/model not specified by lab

Plastics Interlaboratory Testing Program

Analysis 780

Coefficient of Static Friction

Grand Mean Sample P65: 0.18302 COF **Grand Mean Sample P66:** 0.18118 COF



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 781

Coefficient of Kinetic Friction

WebCode	Data Flag	Sample P65 Lab Mean	Sample P65 Diff from Grand Mean	Sample P65 CPV	Sample P66 Lab Mean	Sample P66 Diff from Grand Mean	Sample P66 CPV	Instr Code
31V7ZP		0.0948	-0.0293	-0.62	0.1058	-0.0197	-0.44	TH
38TJNB		0.1014	-0.0227	-0.48	0.1028	-0.0227	-0.50	TM
45XE4A		0.2310	0.1069	2.28	0.2220	0.0965	2.14	IS
6ZTYF1		0.1598	0.0357	0.76	0.1676	0.0421	0.93	TN
7QXDD7		0.1100	-0.0141	-0.30	0.1073	-0.0182	-0.40	CH
8VP2JQ		0.0632	-0.0609	-1.30	0.0485	-0.0770	-1.71	IG
B22Y5P		0.1638	0.0397	0.85	0.1656	0.0401	0.89	UT
B6BPHR		0.1500	0.0259	0.55	0.1520	0.0265	0.59	XX
BN9KFS		0.1222	-0.0019	-0.04	0.1254	-0.0001	0.00	TH
BPNKP3		0.1488	0.0247	0.53	0.1438	0.0183	0.41	MS
DJRX4Z		0.1242	0.0001	0.00	0.1236	-0.0019	-0.04	DY
HG11CP		0.0644	-0.0597	-1.27	0.0624	-0.0631	-1.40	IP
JEC7AZ		0.0912	-0.0329	-0.70	0.0968	-0.0287	-0.64	TH
N21ZYB		0.0856	-0.0385	-0.82	0.0720	-0.0535	-1.19	UT
QAHXN1		0.1048	-0.0193	-0.41	0.1184	-0.0071	-0.16	TH
QLE2HU		0.1318	0.0077	0.16	0.1298	0.0043	0.10	TN
SYZQQ4		0.0784	-0.0457	-0.97	0.0858	-0.0397	-0.88	TH
V65DEM		0.2240	0.0999	2.13	0.2004	0.0749	1.66	IQ
WH5U4M	*	0.1086	-0.0155	-0.33	0.1544	0.0289	0.64	TN

Summary Statistics

Grand Means

Sample P65	Sample P66
0.12411 COF	0.12549 COF

Stnd Dev Btwn Labs

Sample P65	Sample P66
0.04697 COF	0.04513 COF

Statistics based on 19 of 19 reporting participants

Sample P65: LDPE **& Sample P66:** LDPE

Plastics Interlaboratory Testing Program
Analysis 781
Coefficient of Kinetic Friction

Instrument Code List as Reported by the Labs

(CH) - ChemInstruments AR-1000

(DY) - Dynisco Model D1055

(IG) - Instron

(IP) - Instron 4400 Series

(IQ) - Instron 4500 series

(IS) - Instron Model 5565

(MS) - MTS Sintech

(TH) - Thwing Albert Friction/Peel Tester Model 225-1

(TM) - TMI Slip and Friction Tester Model 98

(TN) - TMI #32-06

(UT) - United Testing Systems (model not specified)

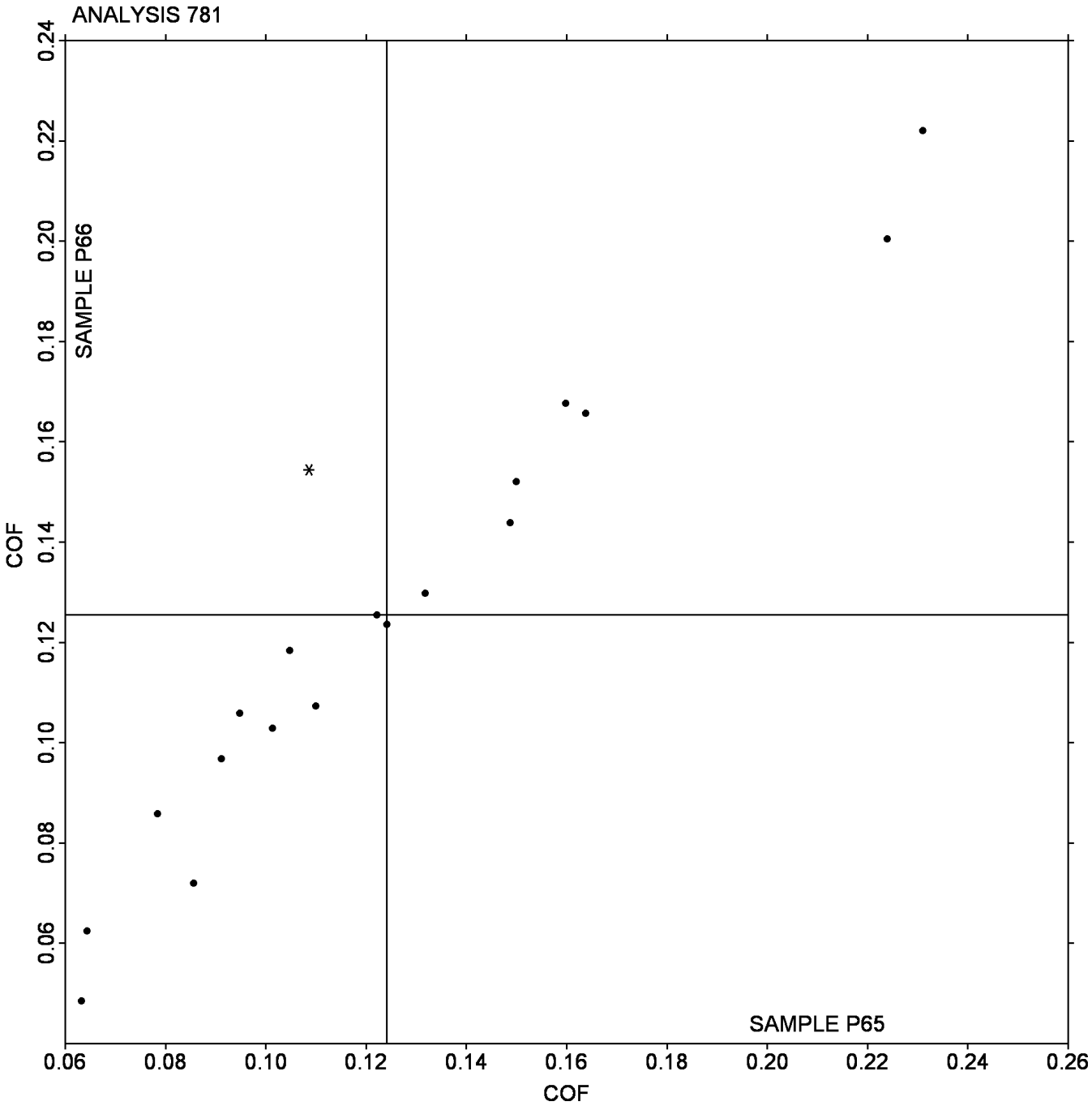
(XX) - Instrument make/model not specified by lab

Plastics Interlaboratory Testing Program

Analysis 781

Coefficient of Kinetic Friction

Grand Mean Sample P65: 0.12411 COF **Grand Mean Sample P66:** 0.12549 COF



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 782

Tear Resistance of Films

WebCode	Data Flag	Sample Q65 Lab Mean	Sample Q65 Diff from Grand Mean	Sample Q65 CPV	Sample Q66 Lab Mean	Sample Q66 Diff from Grand Mean	Sample Q66 CPV	Instr Code
1S9HUX	X	1,072.6	901.4	21.41	1,051.8	893.1	25.58	CD
2MS3FH		128.7	-42.5	-1.01	118.2	-40.5	-1.16	TM
4BQTDY		192.5	21.3	0.51	186.4	27.7	0.79	TE
5U7RCA		177.9	6.7	0.16	138.3	-20.4	-0.58	TF
FZ67NY		199.2	28.0	0.67	198.8	40.1	1.15	TE
J89BCK		150.8	-20.4	-0.48	143.1	-15.6	-0.45	TE
K93EQS		119.2	-52.0	-1.24	124.0	-34.7	-0.99	TE
QB4ZWT		118.5	-52.7	-1.25	126.9	-31.8	-0.91	XX
RTX2VR		231.6	60.4	1.43	221.0	62.3	1.78	EM
U5PX88		141.9	-29.2	-0.69	147.7	-11.1	-0.32	LO
WR8KFR		233.7	62.5	1.48	193.2	34.5	0.99	AL
YHB4QS		189.1	17.9	0.43	148.3	-10.4	-0.30	TE

Summary Statistics

	Sample Q65	Sample Q66
Grand Means	171.19 grams-force	158.72 grams-force
Stnd Dev Btwn Labs	42.10 grams-force	34.92 grams-force

Statistics based on 11 of 12 reporting participants

Sample Q65: LDPE **&** **Sample Q66:** LDPE

Comments on assigned Data Flags for Test #782

1S9HUX (X) - Extreme data.

Instrument Code List as Reported by the Labs

(AL) - Adamel Lhomargy ED20

(CD) - Ceast ED-30

(EM) - Elmendorf Tear Tester

(LO) - Lorentzen & Wettre Model II

(TE) - Thwing-Albert Pro Tear

(TF) - Thwing-Albert Model 60-1500

(TM) - TMI No. 83-1100

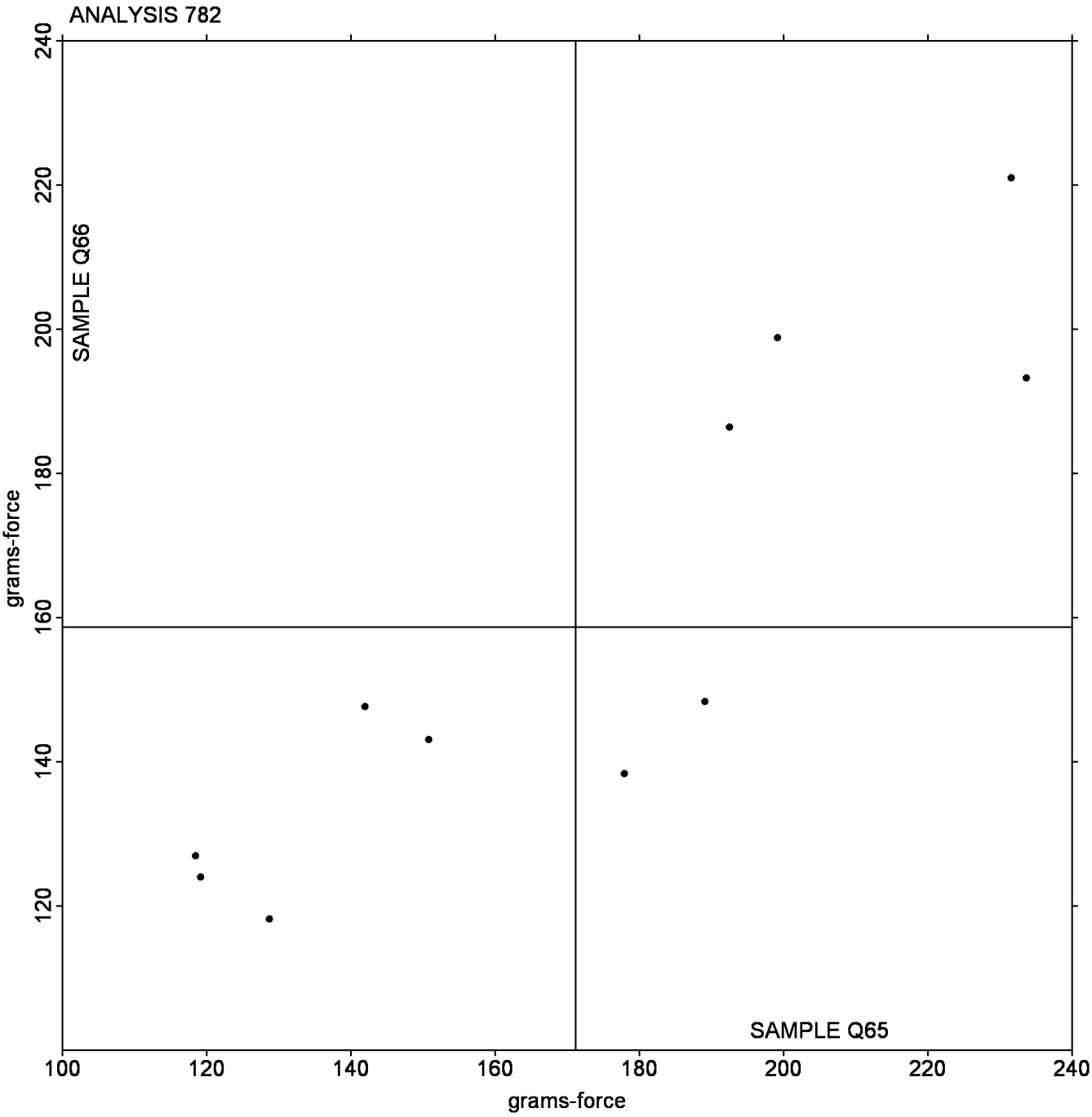
(XX) - Instrument make/model not specified by lab

Plastics Interlaboratory Testing Program

Analysis 782

Tear Resistance of Films

Grand Mean Sample Q65: 171.19 grams-force **Grand Mean Sample Q66:** 158.72 grams-force



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 785

Percent Haze of Film

WebCode	Data Flag	Sample D65 Lab Mean	Sample D65 Diff from Grand Mean	Sample D65 CPV	Sample D66 Lab Mean	Sample D66 Diff from Grand Mean	Sample D66 CPV	Instr Code
46FVL6		19.938	0.692	0.54	17.800	-0.097	-0.07	BJ
4ESFRT		17.691	-1.554	-1.22	16.699	-1.198	-0.81	HC
5K1TP6		19.375	0.129	0.10	18.463	0.565	0.38	BJ
66ZHPR		18.488	-0.758	-0.60	18.550	0.653	0.44	BJ
7BH6LF		19.278	0.032	0.03	18.511	0.614	0.41	MA
8M3ALY		20.100	0.854	0.67	19.663	1.765	1.19	BJ
9XUYN6		19.050	-0.196	-0.15	16.913	-0.985	-0.66	BJ
FPVNE4		20.188	0.942	0.74	18.400	0.503	0.34	BJ
G1MU7L		20.400	1.154	0.91	18.338	0.440	0.30	MA
GVCWFT		19.688	0.442	0.35	17.150	-0.747	-0.50	BJ
H35X94		17.188	-2.058	-1.62	15.063	-2.835	-1.91	BH
H83D2Q		20.425	1.179	0.93	19.100	1.203	0.81	BJ
J5A1GK		20.088	0.842	0.66	16.900	-0.997	-0.67	BJ
LP4QE7		18.159	-1.087	-0.86	17.623	-0.275	-0.18	XX
LXGP9U		19.759	0.513	0.40	17.580	-0.317	-0.21	BT
MR26VZ		19.900	0.654	0.52	19.325	1.428	0.96	BG
NNJNMP		17.999	-1.247	-0.98	15.814	-2.083	-1.40	HL
R9X7PT		18.100	-1.146	-0.90	17.338	-0.560	-0.38	BH
RBWBUF		20.825	1.579	1.24	19.925	2.028	1.36	BJ
RZY8PL		19.013	-0.233	-0.18	18.613	0.715	0.48	BJ
SET9M5		15.838	-3.408	-2.68	14.395	-3.502	-2.35	HL
T45NV2		20.613	1.367	1.08	19.600	1.703	1.14	BJ
TDCF83		20.550	1.304	1.03	19.875	1.978	1.33	BJ

Summary Statistics

Grand Means

Sample D65	Sample D66
19.2455 Percent	17.8971 Percent

Stnd Dev Btwn Labs

Sample D65	Sample D66
1.2699 Percent	1.4879 Percent

Statistics based on 23 of 23 reporting participants

Sample D65: LDPE **& Sample D66:** LDPE

Plastics Interlaboratory Testing Program
Analysis 785
Percent Haze of Film

Instrument Code List as Reported by the Labs

(BG) - BYK-Gardner/Pacific Scientific

(BH) - BYK-Gardner/Pacific Scientific Model XL-211

(BJ) - BYK-Gardner Haze-Gard Plus

(BT) - BYK Gardner TCS Plus Spectrophotometer

(HC) - Hunterlab ColorQuest

(HL) - Hunterlab Ultrascan XE

(MA) - Macbeth 7000A

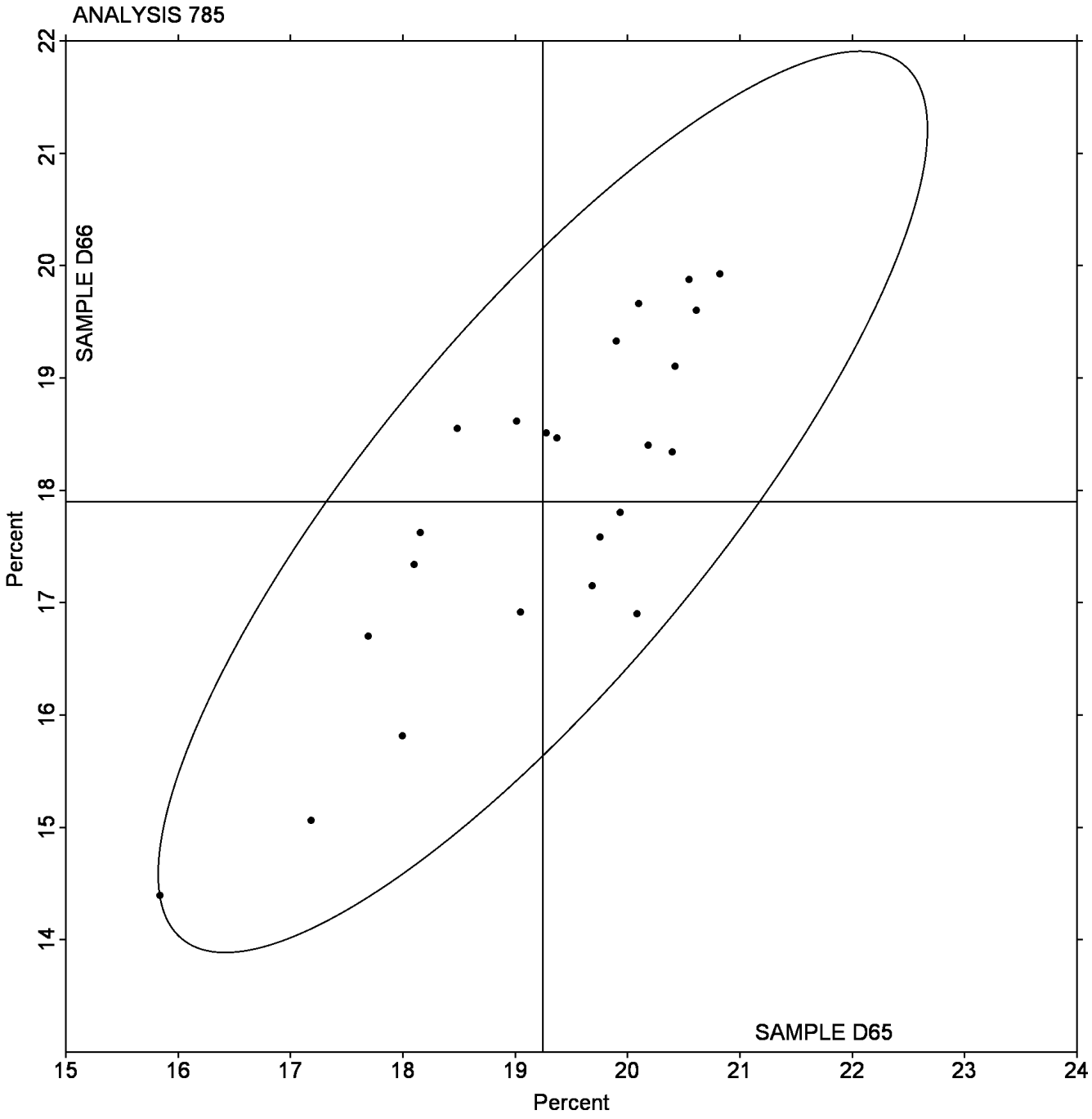
(XX) - Instrument make/model not specified by lab

Plastics Interlaboratory Testing Program

Analysis 785

Percent Haze of Film

Grand Mean Sample D65: 19.246 Percent **Grand Mean Sample D66:** 17.897 Percent



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot

Plastics Interlaboratory Testing Program

Analysis 786

Total Luminous transmittance of film

WebCode	Data Flag	Sample D65 Lab Mean	Sample D65 Diff from Grand Mean	Sample D65 CPV	Sample D66 Lab Mean	Sample D66 Diff from Grand Mean	Sample D66 CPV	Instr Code
46FVL6		93.98	0.92	0.81	93.75	0.70	0.66	BJ
4ESFRT		95.07	2.02	1.77	94.90	1.85	1.75	HC
5K1TP6		91.63	-1.43	-1.25	91.63	-1.43	-1.35	BJ
66ZHPR		93.35	0.30	0.26	93.33	0.27	0.26	BJ
9XUYN6		93.49	0.43	0.38	93.34	0.29	0.27	BJ
FPVNE4		93.00	-0.05	-0.05	92.88	-0.18	-0.17	BJ
G1MU7L		93.04	-0.02	-0.02	93.10	0.05	0.05	MA
GVCWFT		92.66	-0.39	-0.34	92.94	-0.11	-0.11	BJ
H83D2Q		93.85	0.80	0.70	93.70	0.65	0.62	BJ
J5A1GK		94.14	1.08	0.95	94.01	0.96	0.91	BJ
LP4QE7		93.29	0.23	0.20	93.40	0.35	0.33	XX
LXGP9U		93.41	0.36	0.31	93.21	0.16	0.15	BT
MR26VZ		93.00	-0.05	-0.05	93.00	-0.05	-0.05	BG
NNJNMP		90.77	-2.29	-2.00	90.95	-2.10	-1.99	HL
R9X7PT		91.69	-1.37	-1.20	91.86	-1.19	-1.13	BH
RBWBUF		93.00	-0.05	-0.05	93.04	-0.01	-0.01	BJ
RZY8PL		94.35	1.30	1.13	94.45	1.40	1.33	BJ
SET9M5		90.80	-2.25	-1.97	90.95	-2.10	-1.99	HL
TDCF83		93.54	0.48	0.42	93.54	0.49	0.46	BJ

Summary Statistics

Grand Means

93.055 Percent — 93.051 Percent

Stnd Dev Btwn Labs

1.142 Percent — 1.056 Percent

Statistics based on 19 of 19 reporting participants

Sample D65: LDPE **& Sample D66:** LDPE

Plastics Interlaboratory Testing Program
Analysis 786
Total Luminous transmittance of film

Instrument Code List as Reported by the Labs

(BG) - BYK-Gardner/Pacific Scientific

(BH) - BYK-Gardner/Pacific Scientific Model XL-211

(BJ) - BYK-Gardner Haze-Gard Plus

(BT) - BYK Gardner TCS Plus Spectrophotometer

(HC) - Hunterlab ColorQuest

(HL) - Hunterlab Ultrascan XE

(MA) - Macbeth 7000A

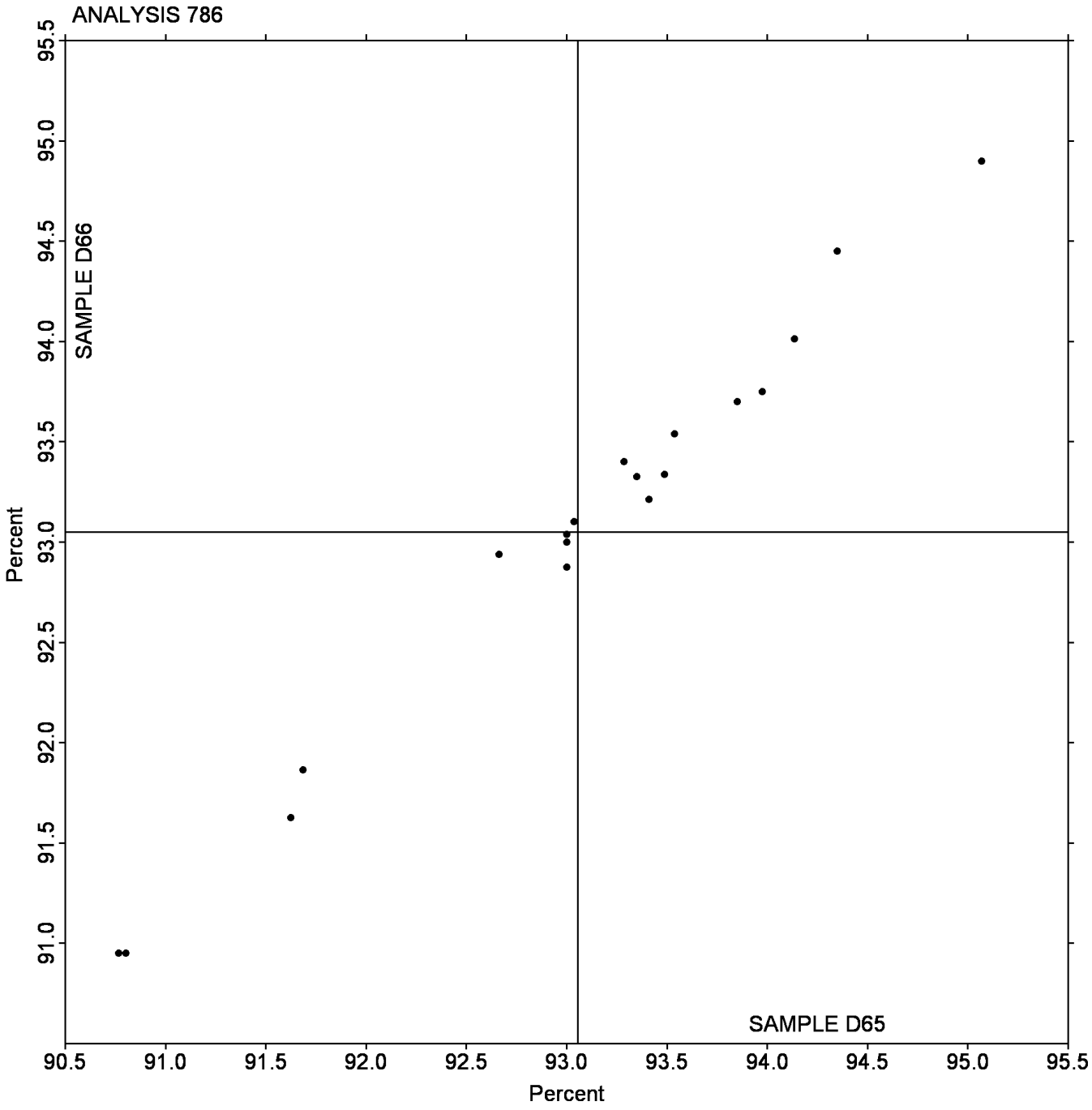
(XX) - Instrument make/model not specified by lab

Plastics Interlaboratory Testing Program

Analysis 786

Total Luminous transmittance of film

Grand Mean Sample D65: 93.055 Percent **Grand Mean Sample D66:** 93.051 Percent



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot