



## Containerboard Interlaboratory Testing Program

Participant Summary Report #676 - January 2026

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<a href="#"><u>250</u></a>	<a href="#"><u>CM61</u></a>	<a href="#"><u>Fluted Edge Crush Strength (CFC), 26 lb Corrugating Medium</u></a>
<a href="#"><u>255</u></a>	<a href="#"><u>CM61</u></a>	<a href="#"><u>Ring Crush (RCT), 26 lb Corrugating Medium</u></a>
<a href="#"><u>261</u></a>	<a href="#"><u>CM61</u></a>	<a href="#"><u>STFI, 26 lb Corrugating Medium</u></a>

Collaborative Testing Services, Inc.  
CONTAINERBOARD INTERLABORATORY TESTING PROGRAM

**INTRODUCTION**

The Interlaboratory Testing Program for Containerboard is operated and maintained by Collaborative Testing Services, Inc. (CTS), with technical guidance provided by the Containerboard Group of the American Forest & Paper Association. The tests are conducted on a monthly basis.

For these tests samples of linerboard and corrugating medium, that each have been separately randomized from narrow rolls, are distributed for testing weekly. One weight of medium (26 lb.) is used for Concora Flat Crush Strength, Corrugated Fluted Crush Strength, Ring Crush Strength, and STFI Compression. Two weights of linerboard are tested each month for Mullen Burst, Ring Crush, and STFI Compression: 42 lb. - every month; 31 lb. and 52 lb. - alternate months. The participants return their test results for analysis and receive a monthly report.

Please refer to the section, "EXPLANATION OF TABLES", for definitions of terms and guidelines to interpreting the results.

**USE OF AVERAGE MEAN AS A COLLABORATIVE REFERENCE VALUE**

The samples of linerboard and corrugating medium, which have been randomized and placed in sealed packages for distribution in this program, may be used as collaborative reference materials. The values most representative of each material are the Cumulative Grand Means in the latest reports, given at the bottom right of each table. Comparisons can only be made within one lot of material; therefore check your measurements against the Cumulative Grand Means with the same lot code as on the packages being tested.

<b>Material</b>	<b>Lot Code</b>	<b>Dates in Use</b>
26# Corrugating Medium	CM61	December 2025 - Current
	CM13	September 2023 - November 2025
31# Linerboard	31K1	August 2024 - Current
	35E3	June 2022 - June 2024
42# Linerboard	42N1	December 2025 - Current
	42L4	August 2025 - November 2025
52# Linerboard	52M1	July 2025 - Current
	52J2	September 2024 - May 2025

**ABOUT CTS**

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, agriculture, hemp, 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 100 countries, currently participate in the CTS programs.

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## EXPLANATION OF TABLES

Each analysis is divided into three time spans. On the left side of the table are the individual laboratory results for each week of the month; in the center are each lab's statistical data for the month; and on the right are each lab's cumulative data for up to 16 weeks. At the bottom of the table are the consensus statistics for all the participants for each of the three time spans.

### Definitions of Terms Used

#### Weekly Results

##### Laboratory Data

- WebCode - A six character laboratory identifier used to maintain information on a confidential basis. The WebCode is unique for each cycle and will change for each report. Your WebCode can be found in your Individual Report (Current Month Performance Report) and your datasheet.
- Weekly Means - The average of the test results obtained by the participant for each week that data were reported.

##### Consensus Data

- Wk Mean - For each week, the average of the Means for all the participants, excluding those laboratories flagged with an 'X'.
- Avg SD - For each week, the average of the within-laboratory standard deviations (SD's) for all the participants, excluding those laboratories flagged with an 'X'. The Avg SD is an indication of the variation of measurements within an average laboratory.
- SD btwn Labs - For each week, the standard deviation of the laboratory Means about the Wk Mean, excluding those laboratories flagged with an 'X'. The SD LABS is an indication of the precision of measurement between the laboratories.
- Labs Incl - The number of laboratory Means included in the Wk Mean for that week.
- Labs Excl - The number of laboratory Means reported but excluded from the Wk Mean for that week because of outlying results ('X' following Mean).
- Labs not rcvd - The number of laboratories failing to report for that week.

#### Monthly Results

##### Laboratory Data

- Mean - For each laboratory, the average of all the weekly Means reported for this month.
- CPV - **Comparative Performance Value**, an indication of how well a laboratory's Mean agrees with the other participants. The CPV is a ratio indicating the number of standard deviations from the consensus mean (Monthly Mean). The closer a laboratory's CPV is to zero, the more consistent its results are with the other participants' data.
- SD - For each laboratory, the average of the weekly within-lab standard deviations (SD's) for all reported Weekly Means this month.
- SD Wk - The standard deviation among the laboratory's weekly Means, including those Means flagged with an 'X'. The SD Wks is an indication of that laboratory's ability to obtain constant results from week to week.

##### Consensus Data

- Month Mean - The average of the Means for all the participants, excluding those laboratories flagged with an 'X,' reporting data for this month.
- Avg SD - For the current month, the average of the within-laboratory standard deviations (SD's) for all the participants, excluding those laboratories flagged with an 'X'.
- SD btwn Labs - For the current month, the standard deviation of the laboratory Means about the Month Mean, excluding those laboratories flagged with an 'X'.
- SD btwn Group - For the current month, the standard deviation of the laboratory Means within the group about the Month Mean, excluding those laboratories flagged with an 'X'.
- SD btwn Wks - For the current month, the average of the laboratory between week standard deviations (SD Wks') for all the participants, excluding those laboratories flagged with an 'X'.

## Cumulative Results

### Laboratory Data

- Mean - For each lab, the average of all the monthly Means reported for the weeks shown.
- CPV - **Comparative Performance Value**, an indication of how well a laboratory's cumulative mean agrees with the other participants. The CPV is a ratio indicating the number of standard deviations from the consensus mean (Monthly Mean).
- SDr - For each laboratory, the average of the weekly within-lab standard deviations (SD's) for the weeks shown.
- SD Wk - The standard deviation among the laboratory's weekly Means for the weeks shown, including those Means flagged with an 'X'. The SD Wks is an indication of that laboratory's ability to obtain constant results from week to week.
- Wks - The number of weeks included in the cumulative period.
- Inst - The two letter instrument code. Codes are summarized at the bottom of the last analysis page.

### Consensus Data

- Grand Mean - The average of the Means for all the participants, excluding those laboratories flagged with an 'X,' reporting data for the number of weeks included in the cumulative period.
- Avg SD - For the cumulative period, the average of the within-laboratory standard deviations (SD's) for all the participants, excluding those laboratories flagged with an 'X'.
- SD btwn Labs - For the cumulative period, the standard deviation of the laboratory Means about the Month Mean, excluding those laboratories flagged with an 'X'.
- SD btwn Wks - For the cumulative period, the average of the laboratory between week standard deviations for all the participants, excluding those laboratories flagged with an 'X'.
- Labs Incd - The number of laboratory Means included in the Grand Mean.

**Any laboratory that receives a 'flag' following a mean or standard deviation should refer to the chart below for an explanation of the data flag symbol:**

<u>Flag</u>	<u>Explanation</u>
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Data Flags "X" and "\*" indicate a laboratory's performance on an average value differed from the consensus.

Data Flags "H" and "L" indicate a laboratory's performance on a standard deviation differed from the consensus.

Flags assigned to Weekly Means, Monthly Mean and Cumulative Mean:

- X Excluded from the weekly means, monthly means and/or the cumulative mean. Immediate review of data and/or testing procedure is recommended.
- \* Included in the weekly means, monthly means and/or the cumulative mean; however, lab should review testing procedure and monitor future results.

Flags assigned to Weekly Means:

- H Indicates high within-laboratory standard deviation. The laboratory SD for each week is not shown, but laboratory average SD and consensus average SD values are shown.
- L Indicates low within-laboratory standard deviation. The laboratory SD for each week is not shown, but laboratory monthly average SD and consensus average SD values are shown.

Flags assigned to Monthly SD Wks and Cumulative SD Wks:

- H Indicates high variability between weekly means (high week-to-week variation).
- L Indicates low variability between weekly means (low week-to-week variation).



**Containerboard Interlaboratory Testing Program**  
 Analysis 201  
**Top to Bottom Box Compression Strength, Corrugated Boxes - BX20**  
 TAPPI Official Test Method T804

**Report #676**  
**January 2026**

WebCode	Monthly Results			Cumulative Results				
	Mean	CPV	SD	Mean	CPV	SD Months	Months	Inst
2ULDGQ	638.8	1.29	39.35	638.8	1.29	0.00	1	EX
2YBWCT	572.5	-0.45	75.01	572.5	-0.45	0.00	1	LS
44ZW4U	582.7	-0.18	5.52 L	582.7	-0.18	0.00	1	EX
4N4RLN	572.0	-0.47	19.95	572.0	-0.47	0.00	1	LM
6KPG9K	631.0	1.08	63.32	631.0	1.08	0.00	1	EX
7J3C3R	560.0	-0.78	49.79	560.0	-0.78	0.00	1	LG
8C3C4P	600.7	0.29	33.80	600.7	0.29	0.00	1	ER
A8227F	565.4	-0.64	75.96	565.4	-0.64	0.00	1	EX
A8H8JK	576.6	-0.34	17.14	576.6	-0.34	0.00	1	LG
AV6X3L	597.2	0.20	18.24	597.2	0.20	0.00	1	ER
BTF9VE	587.9	-0.05	74.68	587.9	-0.05	0.00	1	EX
HHRPG8	604.0	0.38	58.74	604.0	0.38	0.00	1	EX
JAVA69	597.2	0.20	112.14 H	597.2	0.20	0.00	1	ER
JZQ3Q9	563.9	-0.68	53.02	563.9	-0.68	0.00	1	ER
K9A3BB	593.5	0.10	54.64	593.5	0.10	0.00	1	LS
KJV7HA	637.5	1.26	35.46	637.5	1.26	0.00	1	LG
LMVRTD	648.8	1.55	9.98 L	648.8	1.55	0.00	1	LM
MHAEJA	746.2	4.11 X	46.26	746.2	4.11 X	0.00	1	LG
MJ6VW7	666.0	2.00 *	35.23	666.0	2.00 *	0.00	1	EX
NEU2G2	626.6	0.97	25.84	626.6	0.97	0.00	1	LG
PPLADA	508.8	-2.12 *	43.04	508.8	-2.12 *	0.00	1	TB
RANVC7	576.6	-0.34	60.64	576.6	-0.34	0.00	1	LG
RJYWX8	559.2	-0.80	49.12	559.2	-0.80	0.00	1	LG
RYLG8Y	522.5	-1.76	35.49	522.5	-1.76	0.00	1	LL
ZTVRBU	563.3	-0.69	50.04	563.3	-0.69	0.00	1	EX
ZYCBKV	726.7	3.60 X	31.40	726.7	3.60 X	0.00	1	ET

Consensus (All Labs) Results			
Month Mean	589.70	Grand Mean	589.70
Avg SD	51.64	Avg SD Months	0.00
SD btwn Labs	38.09	SD btwn Labs	38.09
Labs Incl	24	Labs Incl	24



**Containerboard Interlaboratory Testing Program**  
 Analysis 201  
**Top to Bottom Box Compression Strength, Corrugated Boxes - BX20**  
 TAPPI Official Test Method T804

**Report #676**  
**January 2026**

**Consensus By Method**

Test Method	Group Mean	SD btwn Group	Difference from Grand Mean	Labs Included
Hot melt adhesive sealing	580.44	45.19	9.26	8
Clip sealing	593.91	35.86	4.21	15
Staple sealing	600.66	0.00	10.96	1

**Key to Instrument Codes Reported by Participants**

<b>ER</b> Emerson 6200 Series <b>EX</b> Emerson Apparatus (Model not specified) <b>LL</b> Lansmont 76-5K <b>LS</b> Lansmont Squeezer	<b>ET</b> Emerson 7200 <b>LG</b> TLS / L.A.B. Validator Series <b>LM</b> Lansmont 122-15k <b>TB</b> TMI Monitor/Compression Tester, Model 17-70
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**Containerboard Interlaboratory Testing Program**  
 Analysis 202  
**Edgewise Compressive Strength, by T811, Corrugated Board - EC17**  
 TAPPI Official Test Method T811

**Report #676**  
**January 2026**

WebCode	Monthly Results				Cumulative Results				Inst
	Mean	CPV	SD		Mean	CPV	SD Months	Months	
36D99Q	49.4	1.51	1.36		49.4	1.57	0.00	1	EM
44ZW4U	49.0	1.44	0.62	L	48.9	1.48	0.06	L 3	TL
8FDMVJ	37.8	-0.86	2.69		39.9	-0.53	1.63	4	TS
A8227F	44.3	0.47	1.61		43.8	0.34	1.34	4	LC
AV6X3L	34.0	-1.63	3.63	H	36.8	-1.19	2.56	4	EN
BR3KBE	41.1	-0.18	0.93		41.1	-0.26	0.71	4	XX
G9VZKF	38.2	-0.76	3.19		37.0	-1.16	2.45	4	TH
K9A3BB	39.1	-0.58	1.67		37.9	-0.97	2.16	4	LD
MJ6VW7	45.2	0.67	1.69		45.7	0.77	0.62	4	LC
RJYWX8	44.5	0.52	2.11		44.6	0.53	0.84	4	EX
U3W9BX	39.0	-0.60	0.62	L	39.6	-0.58	2.27	4	TS
WXFMFV	95.5	10.94	X 1.57		70.1	6.15	X 35.99	2	TD

Consensus (All Labs) Results			
Month Mean	41.95	Grand Mean	42.25
Avg SD	2.06	Avg SD Months	1.69
SD btwn Labs	4.90	SD btwn Labs	4.53
Labs Incd	11	Labs Incd	11

**Key to Instrument Codes Reported by Participants**

EM	Emerson 1200 Series	EN	Emerson 2200
EX	Emerson (model not specified)	LC	L&W Crush Tester 48
LD	L&W Crush Tester 248	TD	TMI Digital Crush Tester, Model 17-09
TH	TMI Monitor/Compression Tester, Model 17-76	TL	Tech-Lab Systems Compression
TS	TMI Digital Crush Tester, Model 17-56	XX	Instrument make/model not specified by lab



**Containerboard Interlaboratory Testing Program**  
 Analysis 203  
**Edgewise Compressive Strength by T839, Corrugated Board - EC17**  
 TAPPI Official Test Method T839

**Report #676**  
**January 2026**

WebCode	Monthly Results			Cumulative Results				
	Mean	CPV	SD	Mean	CPV	SD	Months	Inst
2ULDGQ	42.0	-1.25	2.18	40.8	-1.47	2.25	4	LD
2YBWCT	49.8	0.83	2.05	46.2	0.09	2.60	4	EM
36D99Q	49.4	0.73	1.36	48.4	0.72	1.16	4	EM
44ZW4U	48.8	0.58	0.87	48.6	0.79	0.17	L 3	TL
4N4RLN	45.2	-0.38	2.10	45.1	-0.25	1.99	4	TG
4QBAJK	35.0	-3.12	X 1.61	39.1	-1.96	* 3.19	4	TD
6KPG9K	47.2	0.15	2.44	47.0	0.33	1.57	4	CT
7J3C3R	49.4	0.73	2.36	47.6	0.50	2.07	4	EM
862Z8R	47.0	0.10	2.29	47.0	0.32	0.53	4	LC
8C3C4P	53.2	1.77	1.51	51.4	1.60	1.67	3	LD
8FDMVJ	42.5	-1.12	1.43	43.7	-0.65	0.89	4	TS
A8227F	47.5	0.22	1.43	47.7	0.51	0.49	4	LC
A8H8JK	47.7	0.27	3.20	H 50.1	1.20	2.18	4	MK
AGRMCE	54.9	2.22	* 1.37	52.5	1.90	1.92	4	TG
AV6X3L	45.4	-0.34	2.01	43.0	-0.83	1.86	4	EN
BR3KBE	46.0	-0.17	1.43	44.8	-0.32	1.11	4	XX
DRAKKE	47.5	0.23	1.29	49.5	1.05	1.36	4	EM
EUZYVA	40.9	-1.54	2.46	33.7	-3.54	X 4.97	H 4	XX
EW34ZG	52.9	1.68	4.62	H 51.9	1.73	1.34	4	TE
EXZAQA	32.2	-3.87	X 1.44	42.2	-1.07	6.88	H 4	IX
G9VZKF	46.0	-0.18	2.48	43.9	-0.57	2.67	4	TH
JAVA69	47.1	0.12	1.38	46.0	0.04	1.17	4	EM
JNWTW8	37.1	-2.57	* 0.88	38.0	-2.31	* 1.90	4	BU
JWMD37	50.0	0.90	2.13	45.1	-0.23	4.49	H 4	TU
JZQ3Q9	42.2	-1.19	1.23	41.5	-1.28	2.18	4	LD
K9A3BB	43.4	-0.87	1.97	44.2	-0.49	1.55	4	LD
KJV7HA	48.5	0.50	0.63	L 45.6	-0.08	2.44	4	BU
KT794B	44.5	-0.57	2.12	44.5	-0.42	1.46	4	EM
LMVRTD	44.2	-0.66	0.80	L 44.5	-0.42	0.82	4	EM
MHAEJA	50.3	0.97	1.12	49.2	0.97	1.62	4	EM
MJ6VW7	48.8	0.59	1.55	48.3	0.71	1.39	4	LC
PPLADA	48.4	0.46	0.58	L 49.7	1.10	1.20	4	LD
RJYWX8	47.1	0.11	1.44	46.7	0.23	0.72	4	LY
U3W9BX	40.3	-1.69	0.68	L 40.8	-1.48	0.62	4	TS
WXFMFV	95.5	13.10	X 1.57	70.1	7.02	X 35.99	2	TD
YLEWVZ	44.7	-0.53	1.51	45.5	-0.13	0.59	4	LD
ZE9PKP	45.9	-0.19	2.91	45.6	-0.09	1.51	4	EM
ZYCBKV	47.1	0.11	1.37	46.9	0.28	0.77	4	TD



Containerboard Interlaboratory Testing Program  
Analysis 203  
**Edgewise Compressive Strength by T839, Corrugated Board - EC17**  
TAPPI Official Test Method T839

**Report #676**  
**January 2026**

Consensus (All Labs) Results			
Month Mean	46.64	Grand Mean	45.91
Avg SD	1.93	Avg SD Months	2.11
SD btwn Labs	3.73	SD btwn Labs	3.44
Labs Incl	35	Labs Incl	36

**Key to Instrument Codes Reported by Participants**

- |   |   |
|---|---|
| <b>BU</b> Buchel Digital Crush Tester                 | <b>CT</b> Con-Ten                               |
| <b>EM</b> Emerson 1200 Series                         | <b>EN</b> Emerson 2200                          |
| <b>IX</b> Instron (model not specified)               | <b>LC</b> L&W Crush Tester 48                   |
| <b>LD</b> L&W Crush Tester 248                        | <b>LY</b> L&W 830                               |
| <b>MK</b> Mark-10 ESM303                              | <b>TD</b> TMI Digital Crush Tester, Model 17-09 |
| <b>TE</b> TMI Monitor/Compression Tester, Model 17-60 | <b>TG</b> TMI Digital Crush Tester, 17-76       |
| <b>TH</b> TMI Monitor/Compression Tester, Model 17-76 | <b>TL</b> Tech-Lab Systems Compression          |
| <b>TS</b> TMI Digital Crush Tester, Model 17-56       | <b>TU</b> TMI Universal Crush Tester (TMI K440) |
| <b>XX</b> Instrument make/model not specified by lab  |   |



**Containerboard Interlaboratory Testing Program**  
 Analysis 205  
**Bursting Strength (Mullen), 42 lb Linerboard - 42N1**  
 TAPPI Official Test Method T807

**Report #676**  
**January 2026**

WebCode	Weekly Means				Monthly Results				Cumulative Results					Inst
	Week 1	Week 2	Week 3	Week 4	Mean	CPV	SD	SD Wks	Mean	CPV	SD	SD Wks	Wks	
2GTRBV	116.5	117.5	119.0	116.4	117.3	0.78	7.9	1.2	115.8	0.46	8.3	2.7	8	LA
2GTRBV_AL	114.9 L	112.2	115.0 L	112.4	113.6	-0.10	5.5	1.5	113.4	-0.15	6.7	1.2	8	AL
2ULDGQ	114.3	114.7	115.3	114.4	114.7	0.15	7.2	0.4 L	113.5	-0.12	8.2	4.5	8	AH
2X67TT	108.3	108.3	112.8	107.4	109.2	-1.14	8.5	2.4	109.3	-1.19	8.0	2.2	8	LC
3KBBVP	115.8	120.5	116.7	115.1	117.0	0.70	10.0	2.4	114.4	0.10	10.4	3.8	8	LC
4KAXNM_AL	107.4	111.6	No DATA	105.5	108.2	-1.39	6.1	3.1	109.0	-1.24	6.4	3.1	7	AL
4N9AJM_AL	116.2 H	121.7 L	122.7 L	118.1	119.7	1.34	8.4	3.1	117.6	0.90	8.3	3.5	7	AL
62R4PL	113.8	112.9	110.5	106.6	110.9	-0.73	8.8	3.2	111.2	-0.70	7.8	2.3	8	XX
6KPG9K	115.0	115.0	116.5	116.0	115.6	0.38	9.3	0.8	116.8	0.71	8.8	2.5	8	XX
7FJH2K	111.4	113.8	113.5	109.2	112.0	-0.49	5.9	2.1	111.6	-0.61	5.9	2.9	6	XX
7NJV7U	116.9	115.9	115.5	114.2 L	115.6	0.37	6.4	1.1	115.1	0.27	6.4	1.2	8	LB
8C3C4P	111.3	108.9	108.5	112.0	110.2	-0.91	8.6	1.7	110.2	-0.95	8.6	1.7	4	LA
8C3C4P_AL	122.0	116.8	115.5	121.6	119.0	1.17	7.1	3.3	119.0	1.25	7.1	3.3	4	AK
8JGCJL	115.8	117.5	115.6	116.8	116.4	0.57	9.0	0.9	115.9	0.48	9.1	1.3	8	LA
94KGLL_AL	106.9	111.1	106.9	108.8	108.4	-1.32	10.5	2.0	108.0	-1.51	9.3	2.6	8	XX
962DEL_AL	123.5	122.7 H	122.1	120.1 H	122.1	1.91	12.6	1.5	119.9	1.49	11.8	3.9	8	AL
9D6UEQ	126.6 *	130.7 X	130.9 *	125.9 *L	128.5	3.42 X	10.5	2.6	126.8	3.22 X	11.7	3.5	8	XX
9LJGPE_AL	117.3	114.7	119.1	118.3	117.4	0.79	10.6	1.9	115.9	0.48	7.5	2.2	8	AL
A8227F	112.6	113.1	129.6 *	114.2	117.3	0.78	10.2	8.2 H	115.7	0.44	9.0	5.7	8	AH
ARL32F_AL	114.6	112.6	115.0	118.1	115.0	0.24	8.1	2.3	112.3	-0.43	7.7	3.6	8	AL
AW2DEJ	118.9	116.4	119.7	111.4	116.6	0.60	8.7	3.7	116.9	0.73	8.8	3.1	8	LJ
BEVFKL	121.3	122.5	125.0	121.8	122.6	2.03 *	7.4	1.6	120.2	1.56	7.2	3.0	8	LC
CRJRHG_AL	105.0	104.8 *	105.3	107.3	105.6	-1.99 *	9.3	1.2	104.9	-2.28 *	8.3	1.4	8	AL
DRAKKE_AL	107.2	104.9 *	107.8	112.3	108.0	-1.42	7.4	3.1	108.3	-1.43	8.0	2.6	8	AL
EBLM3J	112.5	113.4	No DATA	116.0	113.9	-0.02	11.6	1.8	115.4	0.34	10.5	2.5	7	TB
EW34ZG	118.7	116.4	119.4	113.9	117.1	0.72	9.3	2.5	115.1	0.28	9.3	3.1	8	LC
FNNGQD	108.2	108.4	113.0	108.5	109.5	-1.07	9.6	2.3	109.5	-1.12	9.6	2.3	4	LZ
G9VZKF	118.3	119.6	113.8	123.4	118.8	1.12	7.0	4.0	118.3	1.09	7.1	3.3	8	TX
JNVVLC	109.7 L	112.4 L	110.7	109.8 L	110.7	-0.80	3.2	1.3	110.2	-0.95	3.4	1.1	8	XX
JZQ3Q9	109.8	105.5 *	108.7	108.8	108.2	-1.38	6.7	1.9	108.9	-1.29	7.4	1.5	8	LZ
K9A3BB	116.3	115.1	116.8	117.2	116.3	0.54	8.1	0.9	115.8	0.47	8.7	1.2	8	LA
MZELYC	116.3	117.2 L	112.5	116.2	115.5	0.36	6.8	2.1	117.9	0.98	7.2	4.1	8	LC
MZELYC_AL	119.3	118.5	112.6	115.1	116.4	0.55	8.1	3.1	115.2	0.30	7.8	3.2	8	AL
PADWH7	113.0	111.0	112.5	112.2	112.2	-0.44	7.5	0.8	112.2	-0.46	7.5	0.8 L	4	AH
PPLADA	112.8	107.1	105.7	107.4	108.2	-1.37	7.9	3.1	108.0	-1.50	8.3	3.1	8	XX



**Containerboard Interlaboratory Testing Program**  
 Analysis 205  
**Bursting Strength (Mullen), 42 lb Linerboard - 42N1**  
 TAPPI Official Test Method T807

**Report #676**  
**January 2026**

WebCode	Weekly Means				Monthly Results				Cumulative Results					Inst
	Week 1	Week 2	Week 3	Week 4	Mean	CPV	SD	SD Wks	Mean	CPV	SD	SD Wks	Wks	
QH6R48_AL	116.2	119.8	116.6	112.3	116.2	0.52	10.3	3.1	115.1	0.29	9.5	3.3	8	XX
RA34GZ_AL	110.6	116.0	103.4 <b>H</b>	109.2 <b>H</b>	109.8	-1.00	24.9	5.2	110.1	-0.97	19.8	4.8	8	AL
RA42RV_AL	109.7	112.1	108.6	116.0	111.6	-0.58	7.9	3.3	111.6	-0.59	12.5	5.2	8	AL
RA9BR9	118.4	114.7	121.0	117.2	117.8	0.90	6.5	2.6	118.6	1.17	7.2	3.1	8	LA
RNTUMX	109.1	113.6	119.1	112.5	113.6	-0.11	8.6	4.2	116.1	0.53	8.4	4.2	8	XX
RW3HZW	112.7 <b>L</b>	112.8 <b>L</b>	112.7 <b>L</b>	112.9 <b>L</b>	112.8	-0.30	1.3	0.1 <b>L</b>	113.1	-0.21	1.2	0.4 <b>L</b>	8	LA
T28N62	129.0 <b>*</b>	129.3 <b>X</b>	130.1 <b>*</b>	133.8 <b>X</b>	130.6	3.90 <b>X</b>	9.7	2.2	129.1	3.79 <b>X</b>	10.4	3.8	8	AX
T2NVC4	120.2	117.8	119.8	114.4	118.1	0.95	8.7	2.7	117.8	0.97	8.7	2.1	6	AH
TBYWX6	108.3	111.7	109.9	109.4	109.8	-1.00	7.0	1.4	111.7	-0.58	7.0	2.7	8	LC
U3X7LT_AL	124.4	122.6	116.0	118.3	120.3	1.49	10.3	3.8	120.0	1.51	10.2	2.6	8	AL
VTM8PW	108.5	113.0	112.6	102.6 <b>*</b>	109.2	-1.15	7.9	4.8	109.8	-1.05	7.3	3.9	8	LA
W39HMV	108.6	111.4	108.8	109.0	109.5	-1.08	7.9	1.3	110.0	-1.01	8.1	1.3	6	AX
W39HMV_AL	110.4	109.8	111.7	109.7	110.4	-0.86	5.5	0.9	110.4	-0.90	5.3	1.0	6	AL
XEK92Q_AL	113.5	111.1	120.9	118.9	116.1	0.48	7.4	4.6	116.8	0.70	8.6	3.2	8	AL
Y2Q9MT	115.3	114.4	114.2	115.8	114.9	0.21	5.8	0.8	114.6	0.16	6.3	0.7 <b>L</b>	8	LJ
ZKXZ3Z	114.0	112.6	108.7	108.1	110.9	-0.75	8.7	2.9	122.5	2.13 <b>*</b>	10.3	12.7 <b>H</b>	8	AX
ZWFKMW_A	120.9	120.7	<b>No DATA</b>	123.1	121.6	1.78	8.7	1.3	119.6	1.42	8.0	2.6	7	AL

Consensus (All Labs) Results									
Wk Mean	114.58	114.17	115.06	113.76	Month Mean	114.04	Grand Mean	113.98	
Avg SDr	8.50	7.93	9.25	9.78	Avg SD	8.88	Avg SD	8.61	
SD btwn Labs	5.32	4.50	6.21	5.05	SD btwn Labs	4.23	SD btwn Labs	3.98	
Labs Incl	52	50	49	51	SD btwn Wks	2.79	SD btwn Wks	3.42	
Labs Excl	0	2	0	1	Labs Incl	50	Labs Incl	50	
Labs not Rcvd	0	0	3	0					

**Key to Instrument Codes Reported by Participants**

<b>AH</b>	Perkins Model AH	<b>AK</b>	L & W Autoline 300
<b>AL</b>	L & W Autoline 400	<b>AX</b>	Perkins Mullen Tester (model not specified)
<b>LA</b>	L&W Bursting Strength Tester	<b>LB</b>	L&W Burst-O-Matic
<b>LC</b>	L&W Autoline (205 Enrollment)	<b>LJ</b>	L&W Bursting Strength Tester J-Type
<b>LZ</b>	L&W (model not specified)	<b>TB</b>	TMI Monitor/Burst 1000
<b>TX</b>	TMI Monitor/Burst (model not specified)	<b>XX</b>	Instrument make/model not specified by lab



**Containerboard Interlaboratory Testing Program**  
 Analysis 206  
**Bursting Strength (Mullen), 52 lb Linerboard - 52M1**  
 TAPPI Official Test Method T807

**Report #676**  
**January 2026**

WebCode	Weekly Means				Monthly Results				Cumulative Results					Inst
	Week 1	Week 2	Week 3	Week 4	Mean	CPV	SD	SD Wks	Mean	CPV	SD	SD Wks	Wks	
2GTRBV	127.0	136.3	131.9	136.4	132.9	0.80	9.3	4.5	131.5	0.42	10.3	3.3	12	LA
2GTRBV_AL	130.8	128.4	131.9	132.3	130.8	0.37	8.7	1.8	130.4	0.17	8.2	2.4	12	AL
2ULDGQ	125.7	126.8	126.4	123.4	125.6	-0.72	9.6	1.5	126.9	-0.55	11.4	4.0	12	AH
2X67TT	126.0	122.7	125.8	118.9	123.4	-1.17	12.3	3.3	123.9	-1.19	11.2	3.6	12	LA
3KBBVP	129.1	143.7 *	133.4	133.3	134.9	1.21	15.3	6.2	135.2	1.19	14.5	5.1	12	LC
4KAXNM_AL	118.9	123.3	No DATA	125.6	122.6	-1.32	7.0	3.4	121.4	-1.72	7.6	4.5	8	AL
4N9AJM_AL	135.3	126.8	No DATA	130.1 H	130.7	0.35	12.4	4.3	127.7	-0.38	9.9	4.2	9	AL
62R4PL	123.5	124.8	128.6	129.3	126.5	-0.52	10.6	2.8	126.3	-0.69	11.2	3.4	12	XX
6KPG9K	134.5	133.0	133.5	127.0	132.0	0.61	12.4	3.4	133.1	0.76	14.4	4.6	12	XX
7FJH2K	122.5	121.5	125.7	120.3	122.5	-1.35	10.2	2.3	124.9	-0.98	9.6	3.5	8	XX
7NJV7U	133.1	133.7	135.0	133.5 L	133.8	0.99	8.9	0.8	138.2	1.82	10.4	5.0	12	LB
8C3C4P	128.2	120.4	126.2	124.8	124.9	-0.85	7.4	3.3	125.9	-0.77	8.9	3.6	8	LA
8C3C4P_AL	133.8	144.1 *	127.6	127.0	133.1	0.84	11.5	7.9	129.6	0.02	11.6	8.2	8	XX
8JGCJL	128.4	131.5	126.9	127.5	128.6	-0.10	12.3	2.0	131.6	0.44	12.2	3.2	12	LA
94KGLL_AL	119.8	114.5 *	115.3 X	117.2 *	116.7	-2.54 *	9.0	2.4	121.2	-1.76	9.6	5.3	12	XX
962DEL_AL	128.7	138.0	134.1	129.3	132.5	0.72	9.8	4.4	132.4	0.61	9.2	3.1	12	AL
9D6UEQ	149.8 X	143.1	148.9 X	143.7 *H	146.4	3.58 X	15.1	3.5	148.0	3.90 X	12.5	6.6	12	XX
9LJGPE_AL	123.6	123.2	122.4	120.2	122.4	-1.38	11.0	1.5	120.8	-1.85	7.1	9.4 H	12	AL
A8227F	124.6	131.7	129.6	127.3	128.3	-0.15	11.3	3.0	128.4	-0.23	11.1	3.6	12	AH
ARL32F_AL	125.3	132.6	127.7	135.2	130.2	0.24	9.2	4.5	129.9	0.08	10.4	3.9	12	AL
AW2DEJ	135.6	136.7	132.0	130.6	133.7	0.97	12.1	2.9	135.1	1.19	11.9	3.7	12	LZ
BEVFKL	135.4	135.3	135.6	133.1	134.9	1.21	6.3	1.2	135.1	1.18	7.3	1.9	12	LA
CRJRHG_AL	127.4	125.2	120.5 *	120.7	123.5	-1.15	11.2	3.4	125.7	-0.81	12.5	7.0	12	XX
DRAKKE_AL	126.3	130.8	127.2	124.6	127.2	-0.38	11.2	2.6	128.0	-0.33	9.5	4.7	12	AL
EBLM3J	130.1	135.8	132.9	134.2	133.2	0.86	11.3	2.4	134.2	0.99	12.0	2.5	12	TB
EW34ZG	127.0	129.2	127.8	123.1	126.8	-0.47	9.5	2.6	127.8	-0.36	9.4	2.6	12	LC
FNNGQD	125.6	126.7	125.4	124.1	125.4	-0.74	9.0	1.1	123.6	-1.25	9.2	3.6	8	LC
G9VZKF	134.6	128.2	134.9 H	131.7	132.4	0.69	14.0	3.1	131.8	0.48	13.4	3.2	8	TX
JNVVLC	126.5	123.6	125.6	124.6	125.1	-0.82	6.8	1.3	125.4	-0.87	7.0	1.2 L	12	XX
JZQ3Q9	126.8	122.2	124.4	125.7	124.8	-0.88	9.1	1.9	125.8	-0.79	11.4	2.4	12	LZ
K9A3BB	130.7	138.2	126.2	133.9	132.3	0.66	12.9	5.1	131.5	0.41	12.4	4.2	12	LA
MZELYC	138.5	142.8 L	127.8	132.5	135.4	1.31	11.1	6.6	133.8	0.89	12.1	4.5	12	LC
MZELYC_AL	139.3 *	142.0 L	130.9	137.5	137.4	1.73	10.5	4.7	134.7	1.10	10.9	5.8	12	XX
PADWH7	127.2	125.6	127.2	129.7	127.4	-0.34	12.2	1.7	129.5	0.00	9.4	2.4	12	AH
PPLADA	116.8 *	128.8	126.3	129.3	125.3	-0.77	10.3	5.8	125.6	-0.83	10.4	4.2	12	XX



**Containerboard Interlaboratory Testing Program**  
 Analysis 206  
**Bursting Strength (Mullen), 52 lb Linerboard - 52M1**  
 TAPPI Official Test Method T807

**Report #676**  
**January 2026**

WebCode	Weekly Means				Monthly Results				Cumulative Results					Inst
	Week 1	Week 2	Week 3	Week 4	Mean	CPV	SD	SD Wks	Mean	CPV	SD	SD Wks	Wks	
QH6R48_AL	132.8	130.3	131.5	127.2	130.4	0.29	13.5	2.4	131.1	0.34	15.6	3.4	8	XX
RA34GZ_AL	129.1	129.2	123.3	127.7	127.3	-0.36	8.4	2.8	125.2	-0.91	7.9	3.3	12	AL
RA42RV_AL	131.0	126.6 H	108.6 X	129.6	124.0	-1.05	13.4	10.4 H	126.4	-0.65	11.6	6.4	12	AL
RA9BR9	135.7	134.1	133.1	134.6 L	134.4	1.10	9.0	1.1	137.6	1.70	8.2	4.4	12	LA
RNTUMX	124.6	128.3	136.5	123.4	128.2	-0.17	11.2	5.9	128.3	-0.27	11.7	4.1	12	XX
RW3HZW	128.9 L	129.5 L	129.0 L	129.0 L	129.1	0.01	1.6	0.3 L	127.2	-0.49	1.6	2.1	12	LA
T28N62	154.9 X	153.7 X	150.9 X	142.4 *	150.5	4.43 X	11.5	5.6	149.0	4.12 X	13.8	4.8	12	XX
T2NVC4	130.4	130.0	132.2	134.6	131.8	0.57	11.6	2.1	133.5	0.85	12.8	3.1	6	AH
TBYWX6	117.5 *	121.9	118.1 *	118.9	119.1	-2.05 *	9.5	1.9	124.6	-1.05	9.6	5.1	12	LC
U3X7LT_AL	135.2	136.9	142.1 X	137.2	137.8	1.82	13.6	2.9	135.9	1.35	12.8	3.0	12	AL
VTM8PW	121.6	132.5	127.0	128.6	127.4	-0.34	10.6	4.5	124.2	-1.13	10.4	6.1	12	LA
W39HMV	121.4	127.8	127.2	NO DATA	125.5	-0.74	11.5	3.5	125.9	-0.76	10.3	2.2	7	AH
W39HMV_AL	127.9	129.3	131.2	125.0	128.4	-0.14	7.2	2.6	130.6	0.23	9.1	5.4	8	AL
XEK92Q_AL	131.0	137.3	132.5	135.5	134.1	1.04	13.1	2.9	132.8	0.69	12.9	4.0	12	AL
Y2Q9MT	126.2	130.2	126.9	128.5	127.9	-0.23	12.4	1.8	128.7	-0.18	10.1	1.9	8	LJ
ZKXZ3Z	145.5 X	123.9	126.3	129.1	131.2	0.45	11.3	9.8 H	141.3	2.48 *	11.8	10.3 H	12	LA
ZWFKMW_A	133.9	138.8	NO DATA	141.7 *	138.2	1.89	11.3	3.9	136.2	1.41	12.1	4.7	11	AL

Consensus (All Labs) Results									
Wk Mean	128.45	130.54	128.77	129.23	Month Mean	129.04	Grand Mean	129.53	
Avg SDr	10.29	11.11	11.21	10.72	Avg SD	10.76	Avg SD	10.78	
SD btwn Labs	5.31	6.71	4.12	6.06	SD btwn Labs	4.84	SD btwn Labs	4.73	
Labs Inclcd	49	51	44	51	SD btwn Wks	3.97	SD btwn Wks	4.52	
Labs Exclcd	3	1	5	0	Labs Inclcd	50	Labs Inclcd	50	
Labs not Rcvd	0	0	3	1					

**Key to Instrument Codes Reported by Participants**

AH	Perkins Model AH	AL	L & W Autoline 400
LA	L&W Bursting Strength Tester	LB	L&W Burst-O-Matic
LC	L&W Autoline (206 Enrollment)	LJ	L&W Bursting Strength Tester J-Type
LZ	L&W (model not specified)	TB	TMI Monitor/Burst 1000
TX	TMI Monitor/Burst (model not specified)	XX	Instrument make/model not specified by lab



**Containerboard Interlaboratory Testing Program**  
 Analysis 215  
**Ring Crush, 42 lb Linerboard - 42N1**  
 TAPPI Official Test Method T822

**Report #676**  
**January 2026**

WebCode	Weekly Means				Monthly Results				Cumulative Results					Inst
	Week 1	Week 2	Week 3	Week 4	Mean	CPV	SD	SD Wks	Mean	CPV	SD	SD Wks	Wks	
2CWCFT	99.2 L	97.8 L	96.7	98.2 L	98.0	0.17	1.3	1.0	97.2	-0.02	1.2	1.2	8	MZ
2GTRBV	96.4	98.5	99.2	98.8	98.2	0.25	3.0	1.3	97.7	0.11	3.4	1.4	8	LD
2X67TT	98.0	95.8	96.3	95.5	96.4	-0.32	3.4	1.1	96.8	-0.15	3.1	1.2	8	LD
36D99Q	96.7	96.6	97.3	96.1	96.7	-0.23	3.5	0.5 L	96.8	-0.16	3.2	0.4 L	8	EM
3KBBVP	96.3	99.2	98.0	98.3	97.9	0.15	3.0	1.2	98.2	0.28	2.7	1.3	8	LD
4N9AJM	94.2	94.5	93.7	93.4	94.0	-1.07	4.0	0.5 L	95.4	-0.61	3.9	1.7	8	LC
4QBAJK	96.0 L	95.4 L	95.7	95.4	95.6	-0.56	1.7	0.3 L	95.5	-0.60	1.7	0.3 L	8	MB
7FJH2K	96.3 H	95.6 H	95.2 H	98.2 H	96.3	-0.34	6.2	1.3	95.8	-0.49	5.8	1.4	6	TU
7NJV7U	101.2	99.2	98.7 H	101.3	100.1	0.81	4.6	1.3	96.0	-0.42	4.3	4.5	8	LD
862Z8R	95.7	96.5	98.9	93.4	96.1	-0.41	4.1	2.3	94.5	-0.92	3.9	2.3	8	LC
8JXHWQ	66.0 X	66.1 X	68.5 X	67.1 X	66.9	-9.36 X	4.4	1.2	66.9	-9.80 X	7.2	0.8 L	8	LD
94KGLL	96.1	96.2	95.6	96.6	96.1	-0.40	2.6	0.4 L	95.8	-0.50	2.4	0.6 L	8	LD
962DEL	90.2 *H	104.2	67.3 XH	94.1 H	88.9	-2.61 *	6.2	15.6 H	93.6	-1.20	5.3	12.7 H	8	LZ
9869XN	98.5	97.0	95.0	97.0	96.9	-0.17	2.8	1.4	96.5	-0.26	3.4	1.5	8	LD
9P4L7P	92.9	92.3	90.5 *	94.6	92.6	-1.49	3.2	1.7	91.7	-1.80	3.2	1.9	8	LD
A8227F	99.0	100.2 L	99.5	99.7	99.6	0.67	2.5	0.5 L	99.7	0.76	2.6	0.9 L	8	LC
AGRMCE	100.0	97.6 L	99.3	101.3	99.5	0.64	2.1	1.5	102.4	1.63	2.2	3.3	8	TH
ARL32F	95.4	93.1	95.6	95.3	94.9	-0.79	3.1	1.2	95.2	-0.67	3.4	1.1	8	LD
AV6X3L	91.4	94.8	94.9	94.1	93.8	-1.11	2.6	1.6	93.7	-1.16	2.8	1.7	8	LC
CF7RLN	99.7	102.0	101.1	101.8	101.2	1.14	3.3	1.1	101.5	1.37	3.8	1.3	8	TU
CRJRHG	97.6	98.7	97.7	97.7	97.9	0.15	2.4	0.5 L	98.8	0.47	2.4	1.1	8	LD
DVTELK	76.5 XH	92.5 H	104.1	105.1 *	94.6	-0.88	9.0	13.3 H	92.5	-1.54	8.8	13.2 H	8	MB
EBLM3J	94.8 H	99.3	91.1	90.9 *H	94.0	-1.05	5.2	4.0	95.0	-0.74	4.0	2.8	8	LD
EW34ZG	100.2	100.7	101.3	100.7	100.7	1.00	3.5	0.5 L	101.9	1.48	3.4	1.4	8	MB
FNNGQD	101.0 H	102.4 H	106.1 *	110.0 X	104.9	2.28 *	5.6	4.0	98.2	0.27	4.4	7.7 H	8	XX
HUNH4D	100.3 L	94.9	97.6 L	97.2	97.5	0.01	1.6	2.2	97.0	-0.12	1.5	1.6	8	MZ
JDV8UF	98.2	98.1	102.7	99.3	99.6	0.65	2.9	2.2	99.6	0.73	2.9	2.2	4	TX
JFLJF7	101.2	100.4	101.8	103.1	101.6	1.28	2.7	1.1	101.3	1.29	2.6	1.1	8	LD
JNVVLC	82.1 X	80.5 X	83.3 X	84.5 X	82.6	-4.56 X	4.4	1.7	83.7	-4.39 X	4.3	1.7	8	MZ
JRFMXE	93.4	91.4	96.2	100.2	95.3	-0.66	4.1	3.8	95.3	-0.65	4.1	3.8	4	TH
JZQ3Q9	97.9	97.5	96.9	98.8	97.8	0.10	3.2	0.8	97.8	0.16	2.8	0.8 L	8	LD
K9A3BB	95.5	98.7 L	94.2	96.4	96.2	-0.38	3.1	1.9	96.9	-0.12	3.1	1.8	8	LD
MZELYC	108.2 X	106.2 *	108.1 *	108.5 X	107.8	3.16 X	4.1	1.0	104.0	2.15 *	3.5	5.4	8	LD
PPLADA	101.7	101.4	101.0	99.4	100.9	1.05	4.1	1.0	100.4	0.99	3.8	1.4	8	XX
RA9BR9	89.3 *	93.6	93.7	88.6 X	91.3	-1.88	3.6	2.7	90.5	-2.21 *	3.8	2.5	8	LC



**Containerboard Interlaboratory Testing Program**  
 Analysis 215  
**Ring Crush, 42 lb Linerboard - 42N1**  
 TAPPI Official Test Method T822

**Report #676**  
**January 2026**

WebCode	Weekly Means				Monthly Results				Cumulative Results					Inst
	Week 1	Week 2	Week 3	Week 4	Mean	CPV	SD	SD Wks	Mean	CPV	SD	SD Wks	Wks	
RJYWX8	98.9	100.5	101.8	99.4	100.1	0.83	2.3	1.3	100.4	0.99	2.5	1.5	8	LG
RNTUMX	104.2 *H	105.6 *	102.6	102.3	103.7	1.91	5.6	1.5	102.3	1.62	5.2	2.7	8	LD
RW3HZW	95.9 L	95.9 L	95.9 L	95.9 L	95.9	-0.47	0.5	0.0 L	95.9	-0.46	0.6	0.1 L	8	TU
TBYWX6	90.3	99.6	99.6	97.3	96.7	-0.23	3.2	4.4	94.6	-0.88	4.5	4.1	8	LD
Y2Q9MT	98.9 L	98.2	97.6	98.1	98.2	0.23	1.8	0.6 L	97.6	0.09	2.6	0.8 L	8	LD
Z3GUTP	95.7	100.9	99.4	99.2	98.8	0.41	4.6	2.2	97.2	-0.05	4.0	2.6	8	EM
ZKXZ3Z	104.7 *	102.9	98.1	101.9	101.9	1.37	4.1	2.8	101.5	1.35	4.7	2.2	8	LX

Consensus (All Labs) Results													
Wk Mean	97.17	98.15	98.17	98.00	Month Mean	97.44			Grand Mean	97.31			
Avg SDr	4.04	3.64	3.32	3.57	Avg SD	3.83			Avg SD	3.70			
SD btwn Labs	3.60	3.54	3.73	3.07	SD btwn Labs	3.26			SD btwn Labs	3.10			
Labs Incl	38	40	39	37	SD btwn Wks	3.77			SD btwn Wks	3.77			
Labs Excl	4	2	3	5	Labs Incl	39			Labs Incl	40			
Labs not Rcvd	0	0	0	0									

**Key to Instrument Codes Reported by Participants**

EM	Emerson 1200	LC	L&W Crush Tester 48
LD	L&W Crush Tester 248	LG	L&W 753
LX	L&W 506	LZ	L&W Crush Tester (model not specified)
MB	Messmer Buchel K440	MZ	Messmer Buchel (model not specified)
TH	TMI Compression Tester, Model 17-76	TU	TMI Universal Crush Tester (TMI K440)
TX	TMI Digital Crush Tester (model not specified)	XX	Instrument make/model not specified by lab



**Containerboard Interlaboratory Testing Program**  
 Analysis 216  
**Ring Crush, 52 lb Linerboard - 52M1**  
 TAPPI Official Test Method T822

**Report #676**  
**January 2026**

WebCode	Weekly Means				Monthly Results				Cumulative Results					Inst
	Week 1	Week 2	Week 3	Week 4	Mean	CPV	SD	SD Wks	Mean	CPV	SD	SD Wks	Wks	
2CWCFT	135.0 L	136.2	133.5 L	131.3 L	134.0	0.43	1.8	2.1	134.8	0.83	1.7	4.5	12	MZ
2GTRBV	132.2	126.6	130.7	135.4	131.2	-0.40	3.7	3.6	129.9	-0.38	3.9	3.0	12	LD
2X67TT	127.9	129.3	125.5	127.1	127.5	-1.51	4.2	1.6	128.5	-0.74	4.1	1.6	12	LD
36D99Q	135.9	134.6	133.6	135.2	134.8	0.67	3.8	0.9	133.3	0.47	3.6	2.6	12	EM
3KBBVP	131.2	129.5	133.2	129.1	130.7	-0.53	3.7	1.9	131.4	-0.02	3.2	1.5	12	LD
4N9AJM	129.4	128.6	130.2	131.3	129.9	-0.79	4.6	1.2	124.6	-1.70	5.0	4.8	12	LC
4QBAJK	131.5 L	131.6 L	131.7 L	131.9 L	131.7	-0.25	1.6	0.2 L	130.1	-0.34	1.7	1.7	8	MB
7FJH2K	136.5 H	132.2	131.3 H	131.1 H	132.8	0.06	8.9	2.5	129.8	-0.41	8.0	3.6	8	TU
7NJV7U	130.9	128.5	131.0	131.9	130.6	-0.59	5.3	1.5	132.7	0.33	4.8	2.4	12	LD
862Z8R	130.3	134.0	132.1	129.0	131.4	-0.35	5.3	2.2	130.0	-0.36	4.5	1.9	12	LC
8JXHWQ	94.5 X	94.0 X	95.4 X	95.7 X	94.9	-11.15 X	5.0	0.8	95.1	-9.07 X	4.3	1.0 L	12	LD
94KGLL	129.9	127.5	129.1	128.5	128.8	-1.12	3.6	1.0	129.5	-0.50	3.6	1.8	12	LD
962DEL	120.4 XH	145.7 *	139.4	116.6 XH	130.5	-0.60	8.0	14.2 H	123.1	-2.09 *	7.8	19.6 H	12	LZ
9869XN	133.4	128.0	128.6	132.7	130.7	-0.55	4.3	2.8	130.3	-0.29	3.8	2.1	12	LD
9P4L7P	127.4	128.6	125.7	128.6	127.6	-1.48	5.6	1.4	126.2	-1.32	5.3	2.9	8	LD
A8227F	131.2	131.7	131.1	135.1	132.3	-0.08	3.2	1.9	130.7	-0.17	3.1	2.2	12	LC
AGRMCE	134.3	133.8	133.1	131.5	133.2	0.18	4.8	1.2	131.9	0.12	4.2	2.4	12	TH
ARL32F	131.0	123.2	127.2	127.2	127.1	-1.61	4.0	3.2	130.2	-0.32	4.4	3.1	12	LD
AV6X3L	126.4 *	127.8	129.7	126.3	127.6	-1.48	4.3	1.6	124.5	-1.74	3.9	2.8	12	LC
CF7RLN	133.7	135.9	137.8	135.1	135.6	0.91	3.6	1.7	133.5	0.52	4.1	3.6	12	TU
CRJRHG	131.1	129.8	130.6	133.3	131.2	-0.41	3.5	1.5	132.6	0.29	3.8	1.9	12	LD
DVTELK	129.4 H	140.3 H	143.3 *	140.1	138.3	1.69	10.1	6.1	134.1	0.67	9.6	7.8	12	MB
EBLM3J	138.2 *	138.4	138.7	138.9	138.5	1.77	3.5	0.3 L	133.6	0.55	4.5	5.7	12	LD
EW34ZG	135.5	135.2	136.0	137.8	136.1	1.06	5.0	1.2	134.9	0.85	4.6	2.7	12	MB
FNNGQD	144.3 X	144.6 *	146.9 X	143.4	144.8	3.63 X	4.3	1.5	130.6	-0.20	8.8	13.8 H	12	LZ
HUNH4D	135.0 L	136.1 L	132.0	134.8	134.5	0.57	2.3	1.7	134.4	0.74	2.0	5.3	12	MZ
JDV8UF	132.2	132.2	138.1	138.8	135.3	0.81	5.7	3.6	133.0	0.40	5.0	2.8	12	TX
JFLJF7	134.0	136.7	136.8	136.9	136.1	1.06	3.2	1.4	136.9	1.37	2.9	2.3	12	LD
JNVVLC	115.1 X	114.7 XH	116.1 X	118.8 *	116.2	-4.86 X	6.6	1.9	115.1	-4.09 X	5.9	2.6	12	MZ
JRFMXE	133.2	131.2	133.4	138.9	134.1	0.47	5.1	3.3	134.1	0.67	5.1	3.3	4	TH
JZQ3Q9	132.0	131.5	131.8	134.4	132.4	-0.04	3.6	1.3	133.0	0.40	3.7	2.3	12	LD
K9A3BB	128.9	131.3	132.8	132.8	131.4	-0.33	4.5	1.8	130.6	-0.22	4.6	3.9	12	LD
MZELYC	150.5 XL	151.0 X	139.8	151.9 X	148.3	4.66 X	4.7	5.7	138.1	1.66	4.6	9.1	12	LD
PPLADA	133.0	134.2	134.2	134.2	133.9	0.40	5.2	0.6	131.8	0.09	4.8	2.1	12	XX
RA9BR9	127.2	124.3	131.6	123.3	126.6	-1.76	4.6	3.7	126.1	-1.34	4.0	3.2	12	LC



**Containerboard Interlaboratory Testing Program**  
 Analysis 216  
**Ring Crush, 52 lb Linerboard - 52M1**  
 TAPPI Official Test Method T822

**Report #676**  
**January 2026**

WebCode	Weekly Means				Monthly Results				Cumulative Results					Inst
	Week 1	Week 2	Week 3	Week 4	Mean	CPV	SD	SD Wks	Mean	CPV	SD	SD Wks	Wks	
RJYWX8	136.7	137.1	137.0	139.0	137.4	1.45	3.3	1.0	134.4	0.74	3.9	3.5	12	LY
RNTUMX	141.5 <b>X</b>	148.1 <b>*H</b>	143.6 <b>*</b>	147.1 <b>*</b>	145.1	3.71 <b>X</b>	6.9	3.1	142.1	2.65 <b>*</b>	6.0	4.8	12	LD
RW3HZW	129.4 <b>L</b>	129.4 <b>L</b>	129.3 <b>L</b>	129.2 <b>L</b>	129.3	-0.96	0.9	0.1 <b>L</b>	129.4	-0.51	0.8	0.2 <b>L</b>	12	TU
TBYWX6	130.5	135.5	133.6	132.0	132.9	0.10	5.6	2.1	128.8	-0.67	5.6	3.5	12	LD
Y2Q9MT	134.0	135.7	135.4	132.2	134.3	0.52	3.5	1.6	134.8	0.83	3.9	1.6	8	LD
Z3GUTP	131.0	136.3	133.9	134.5	133.9	0.41	5.3	2.2	123.1	-2.08 <b>*</b>	4.8	9.2	12	EM
ZKXZ3Z	137.0	144.0	140.5	139.7	140.3	2.29 <b>*</b>	4.9	2.9	136.3	1.22	6.1	6.7	12	LY

Consensus (All Labs) Results														
Wk Mean	132.12	133.46	133.51	133.29	Month Mean	132.55			Grand Mean	131.45				
Avg SDr	5.18	4.62	4.78	4.29	Avg SD	4.78			Avg SD	4.83				
SD btwn Labs	2.96	5.69	4.36	5.42	SD btwn Labs	3.38			SD btwn Labs	4.01				
Labs Incl	36	39	39	39	SD btwn Wks	3.22			SD btwn Wks	5.41				
Labs Excl	6	3	3	3	Labs Incl	37			Labs Incl	40				
Labs not Rcvd	0	0	0	0										

**Key to Instrument Codes Reported by Participants**

<b>EM</b>	Emerson 1200	<b>LC</b>	L&W Crush Tester 48
<b>LD</b>	L&W Crush Tester 248	<b>LY</b>	L&W Crush Tester 958
<b>LZ</b>	L&W Crush Tester (model not specified)	<b>MB</b>	Messmer Buchel K440
<b>MZ</b>	Messmer Buchel (model not specified)	<b>TH</b>	TMI Compression Tester, Model 17-76
<b>TU</b>	TMI Universal Crush Tester (TMI K440)	<b>TX</b>	TMI Digital Crush Tester (model not specified)
<b>XX</b>	Instrument make/model not specified by lab		



**Containerboard Interlaboratory Testing Program**  
 Analysis 223  
**STFI, 42 lb Linerboard - 42N1**  
 TAPPI Official Test Method T826

**Report #676**  
**January 2026**

WebCode	Weekly Means				Monthly Results				Cumulative Results					
	Week 1	Week 2	Week 3	Week 4	Mean	CPV	SD	SD Wks	Mean	CPV	SD	SD Wks	Wks	Inst
24R3BN	25.3	25.1	25.3	26.2	25.5	0.58	2.1	0.5	25.2	0.44	2.0	0.5	8	LU
2CWCFT	21.3 *L	21.5 XL	22.1 *L	21.3 *	21.5	-2.68 *	0.8	0.4	21.9	-2.45 *	0.8	0.6	8	XX
2X67TT	23.1	24.5	23.1 L	24.9 L	23.9	-0.73	1.1	0.9	23.9	-0.74	1.5	0.7	8	LA
3KBBVP	24.4	25.1	25.6	25.8	25.2	0.36	2.0	0.6	25.1	0.35	1.9	0.8	8	LA
4KAXNM	27.4 *	25.5	No DATA	24.5	25.8	0.83	1.9	1.5 H	25.1	0.35	1.8	1.5	5	LU
4N9AJM	25.1	25.3	23.5 L	24.6	24.6	-0.13	1.4	0.8	25.0	0.27	1.7	0.9	7	LU
62R4PL	24.9	25.5	25.3	24.7	25.1	0.26	2.1	0.4	25.2	0.44	2.1	0.4	8	LH
7FJH2K	25.2	25.4	25.1	25.5	25.3	0.41	2.0	0.2	25.1	0.30	1.9	0.4	6	TT
7NJV7U	23.8	25.5 H	24.4	24.6	24.6	-0.19	2.6	0.7	24.3	-0.34	2.1	0.5	8	LU
8C3C4P_AL	22.9	24.6 L	25.5 L	25.5	24.6	-0.13	1.6	1.2	24.6	-0.08	1.6	1.2	4	AK
8JGCJL	24.8	24.8	23.2	24.6	24.4	-0.34	1.7	0.8	24.6	-0.08	1.8	0.6	8	LY
8JXHWQ	23.3	23.0	23.9	24.5	23.7	-0.91	1.8	0.6	23.4	-1.17	1.8	0.5	8	LY
8JXHWQ_AL	24.3 H	25.6	24.0	25.4	24.8	0.03	2.2	0.8	24.4	-0.31	2.4	0.8	8	AL
94KGLL_AL	24.3	24.3	24.2	22.9	23.9	-0.71	1.5	0.7	24.1	-0.57	1.4	0.5	8	XX
962DEL_AL	23.3	23.8 L	24.0	24.0	23.8	-0.83	1.5	0.3	23.5	-1.06	1.6	0.7	8	AL
9D6UEQ	24.8	25.4	23.7	24.2	24.5	-0.21	2.4	0.7	24.3	-0.39	2.5	0.8	8	XX
9LJGPE_AL	25.0 L	25.0 L	24.0 L	23.0 L	24.3	-0.44	0.0	1.0	25.5	0.65	0.0	1.4	8	AL
9P4L7P	34.8 X	36.4 X	43.1 X	42.5 X	39.2	11.91 X	1.9	4.2 H	38.1	11.75 X	2.0	3.1 H	8	LW
A8227F	24.8	23.8	24.1	24.7	24.4	-0.35	1.9	0.5	24.0	-0.63	1.8	0.5	8	LU
ARL32F_AL	23.2	23.8	24.1	23.4	23.6	-0.96	2.4	0.4	23.5	-1.05	2.1	0.8	8	AL
AV6X3L	21.9 *	22.5 *	23.2	22.2	22.4	-1.95 *	1.7	0.5	22.3	-2.14 *	1.7	0.4	8	LY
AW2DEJ	24.7	23.9	24.4	23.7	24.2	-0.50	2.3	0.5	23.9	-0.71	2.3	0.9	8	LH
BEVFKL	26.3 L	24.0	26.0 L	26.1	25.6	0.68	1.2	1.1	25.3	0.49	1.4	1.5	8	LA
C7ZY9M	23.4 L	No DATA	No DATA	No DATA	23.4	-1.14	0.4	0.0	22.6	-1.91	0.5	1.2	2	LH
CF7RLN	24.1	25.2	25.9	24.2	24.9	0.05	2.4	0.9	25.0	0.24	2.0	0.9	8	LA
CRJRHG_AL	24.3	23.6	24.1	23.2	23.8	-0.82	1.9	0.5	24.3	-0.36	1.6	0.9	8	AL
DRAKKE_AL	25.1	25.1	24.8	24.9	25.0	0.17	1.4	0.1	24.7	0.00	1.4	0.4	8	AL
DVTELK	24.8 L	25.3	26.8	25.8	25.7	0.73	2.1	0.9	25.5	0.72	2.0	0.9	8	LA
EBLM3J	25.2	25.8	24.9	26.1	25.5	0.58	2.2	0.5	25.4	0.57	2.4	0.4	8	LW
EGRFWE	No DATA	No DATA	No DATA	23.0	23.0	-1.51	1.5	0.0	23.3	-1.22	1.5	0.5	5	LW
ET4R4G	26.2	25.9	25.6	25.2	25.7	0.78	2.1	0.4	25.9	1.07	2.0	0.7	8	LA
EUZYVA	26.2	25.3	25.9	26.8	26.0	1.04	1.9	0.6	25.4	0.60	1.7	0.8	8	XX
EW34ZG	25.1	23.6	24.9	25.2	24.7	-0.06	1.7	0.7	24.6	-0.09	1.7	0.7	8	LA
EWKX3C	23.1	23.8	22.9	22.5	23.1	-1.43	2.4	0.5	23.1	-1.42	2.5	0.5	8	LH
FNNGQD	24.6	26.9	25.4 H	26.3 H	25.8	0.83	2.6	1.0	26.5	1.57	2.1	1.2	8	LZ



**Containerboard Interlaboratory Testing Program**  
 Analysis 223  
**STFI, 42 lb Linerboard - 42N1**  
 TAPPI Official Test Method T826

**Report #676**  
**January 2026**

WebCode	Weekly Means				Monthly Results				Cumulative Results				Inst	
	Week 1	Week 2	Week 3	Week 4	Mean	CPV	SD	SD Wks	Mean	CPV	SD	SD Wks		Wks
HUNH4D	21.2 *L	21.9 *L	22.0 *L	21.6 *L	21.7	-2.56 *	0.8	0.3	21.9	-2.49 *	0.8	0.7	8	XX
JFLJF7	26.8	25.9	26.6	27.8 *	26.8	1.64	1.6	0.8	26.7	1.75	1.8	0.9	8	LH
JNWVLC	24.4	25.7	24.8	25.7	25.1	0.29	1.9	0.6	25.6	0.76	2.3	0.6	8	XX
JZQ3Q9	23.6	23.8	23.9	24.3	23.9	-0.75	2.0	0.3	23.9	-0.74	1.9	0.4	8	LY
K9A3BB	23.4	23.4	23.8	23.6	23.5	-1.03	1.8	0.2	23.4	-1.17	1.7	0.3	8	LY
LJWGXD	23.5	24.6	24.5	24.1	24.2	-0.52	1.7	0.5	24.1	-0.54	2.1	0.9	8	LH
MZELYC	26.1	25.9	26.5	27.0	26.4	1.30	1.7	0.5	24.9	0.17	1.9	1.9 H	8	LZ
MZELYC_AL	47.1 XL	48.1 XL	50.0 XL	47.7 XL	48.2	19.39 X	0.0	1.3	46.0	18.76 X	0.0	2.8 H	8	AL
PU3FC4	25.4	25.2	25.2	25.0	25.2	0.36	1.5	0.2	25.3	0.52	1.4	0.3	8	LH
QH6R48_AL	25.2	27.9 *	26.5	26.9	26.6	1.53	2.1	1.1	25.7	0.89	1.9	1.3	8	XX
RA34GZ_AL	25.3	25.4	24.6	25.1	25.1	0.26	2.2	0.4	24.9	0.15	2.1	0.6	8	AL
RA42RV_AL	31.0 XH	30.9 X	29.8 XH	29.7 X	30.4	4.62 X	2.4	0.7	29.9	4.58 X	2.3	0.8	8	AL
RA9BR9	24.7	24.4	24.4	24.9	24.6	-0.15	1.7	0.2	24.6	-0.12	1.6	0.4	8	LA
RJYWX8	25.4	25.7	26.0	25.2	25.6	0.67	1.9	0.3	25.6	0.75	1.9	0.4	8	BK
RW3HZW	25.3	25.4	25.3	25.4	25.4	0.47	1.4	0.1 L	25.3	0.48	1.8	0.1 L	8	XX
T28N62	24.2 L	24.8 L	24.6 L	23.7 L	24.3	-0.37	0.0	0.5	24.6	-0.10	0.0	0.5	8	LH
T2NVC4	26.4	27.0	26.3	27.5	26.8	1.65	1.8	0.6	26.6	1.65	1.8	0.6	6	LU
TBYWX6	23.3	24.5	24.1	23.9	23.9	-0.70	1.9	0.5	24.4	-0.30	2.2	0.7	8	LA
U3X7LT_AL	25.0	26.9	27.0	27.0	26.5	1.38	2.0	1.0	25.9	1.08	2.0	1.1	8	AL
VTM8PW	24.5	26.2	25.8	26.3	25.7	0.75	2.2	0.8	25.6	0.82	2.1	0.8	8	LH
W39HMV	24.2	24.8	25.9	25.1	25.0	0.15	2.0	0.7	25.4	0.58	1.9	0.8	6	LU
W39HMV_AL	25.1	26.4	25.9	26.7	26.0	1.04	2.1	0.7	25.9	1.02	2.1	0.7	6	AL
XEK92Q_AL	26.8	25.0	26.9	27.0	26.5	1.38	2.0	1.0	26.1	1.22	1.9	1.1	8	AL
ZKXZ3Z	27.5 *	27.0	27.5 *	27.2	27.3	2.07 *	1.9	0.3	27.1	2.13 *	2.2	0.5	8	LZ
ZWFKMW_A	23.9 L	24.7	No DATA	25.1	24.6	-0.17	1.5	0.6	24.9	0.13	1.6	0.6	7	AL

Consensus (All Labs) Results									
Wk Mean	24.60	24.99	24.86	24.92	Month Mean	24.78	Grand Mean	24.71	
Avg SDr	1.93	1.88	1.89	1.91	Avg SD	1.88	Avg SD	1.87	
SD btwn Labs	1.32	1.15	1.25	1.47	SD btwn Labs	1.21	SD btwn Labs	1.14	
Labs Incl	56	54	53	56	SD btwn Wks	0.68	SD btwn Wks	0.82	
Labs Excl	3	4	3	3	Labs Incl	57	Labs Incl	57	
Labs not Rcvd	1	2	4	1					



Containerboard Interlaboratory Testing Program  
Analysis 223  
**STFI, 42 lb Linerboard - 42N1**  
TAPPI Official Test Method T826

**Report #676**  
**January 2026**

**Key to Instrument Codes Reported by Participants**

<b>AK</b>	L & W Autoline 300	<b>AL</b>	L & W Autoline 400
<b>BK</b>	Buchel Strip Compression Tester BK-155	<b>LA</b>	L&W Autoline (223 Enrollment)
<b>LH</b>	L&W 282	<b>LU</b>	L&W 52 without moisture correction(was 53)
<b>LW</b>	L&W 53 with moisture correction (was 53M)	<b>LY</b>	L&W 152 without moisture correction
<b>LZ</b>	L&W (model not specified)	<b>TT</b>	TMI Short Span Compression, 17-34 (MB K455)
<b>XX</b>	Instrument make/model not specified by lab		



**Containerboard Interlaboratory Testing Program**  
 Analysis 224  
**STFI, 52 lb Linerboard - 52M1**  
 TAPPI Official Test Method T826

**Report #676**  
**January 2026**

WebCode	Weekly Means				Monthly Results				Cumulative Results					Inst
	Week 1	Week 2	Week 3	Week 4	Mean	CPV	SD	SD Wks	Mean	CPV	SD	SD Wks	Wks	
24R3BN	31.6	32.1	32.4	32.0	32.0	0.17	2.5	0.3	32.3	0.61	2.4	0.5	12	LU
2CWCFT	31.1 L	29.0 L	28.4 *L	28.1 *L	29.1	-2.02 *	0.9	1.4	30.3	-1.19	0.9	1.6	12	XX
2X67TT	32.3	31.0	34.3 L	32.9	32.6	0.63	2.3	1.4	31.7	0.05	2.4	1.2	12	LW
3KBBVP	30.4	32.0	32.5	32.3	31.8	0.00	2.7	1.0	32.0	0.41	2.4	0.7	12	LU
4KAXNM	33.5 L	32.7 L	No DATA	33.3	33.2	1.05	2.3	0.4	31.5	-0.14	2.0	1.6	9	LU
4N9AJM	32.7	31.5	32.8 L	31.4 H	32.1	0.22	2.4	0.8	31.5	-0.06	2.4	1.1	10	LU
62R4PL	32.1	32.6	32.2	32.3	32.3	0.38	2.6	0.2	31.8	0.16	2.5	0.6	12	LH
7FJH2K	31.9	31.3	32.2	31.7	31.8	0.00	2.8	0.4	31.0	-0.58	2.7	1.1	8	TT
7NJV7U	32.3	32.7	31.7	32.0	32.2	0.29	2.2	0.4	31.8	0.23	2.2	0.6	12	LU
8C3C4P_AL	32.8	34.1	32.0	33.1	33.0	0.92	2.5	0.9	32.4	0.70	2.3	1.0	8	AK
8JGCJL	31.8	33.1	30.6	30.4	31.5	-0.24	2.5	1.3	32.1	0.50	2.6	1.0	12	LU
8JXHWQ	31.9	32.1	31.2	31.5	31.7	-0.10	1.8	0.4	30.9	-0.67	1.8	0.7	12	LY
8JXHWQ_AL	30.5	29.8	30.1	30.3	30.2	-1.23	1.7	0.3	30.5	-1.05	1.6	0.4	12	AL
94KGLL_AL	30.2 L	30.5	31.2	31.1	30.8	-0.79	2.0	0.5	31.2	-0.36	2.3	0.7	12	XX
962DEL_AL	31.2	30.8	31.2	32.1	31.3	-0.35	2.3	0.6	30.7	-0.80	2.2	0.9	12	AL
9D6UEQ	31.3	30.2	30.4	30.6	30.6	-0.89	2.3	0.5	30.7	-0.87	2.6	0.5	12	XX
9LJGPE_AL	32.0 L	36.0 *L	37.0 XL	34.0 L	34.8	2.25 *	0.0	2.2 H	34.8	3.01 X	0.0	1.4	12	AL
9P4L7P	47.1 X	47.8 X	49.1 XL	48.5 X	48.1	12.43 X	2.2	0.8	42.5	10.16 X	2.1	6.0 H	8	LW
A8227F	31.1	30.7	32.3	31.1	31.3	-0.38	2.4	0.7	30.7	-0.81	2.5	0.8	12	LU
ARL32F_AL	31.8	30.9	30.3	29.5	30.6	-0.89	2.2	1.0	30.7	-0.81	2.5	0.9	12	XX
AV6X3L	29.6	28.8	30.3	29.5	29.5	-1.73	2.5	0.6	29.1	-2.37 *	2.6	1.0	12	LZ
AW2DEJ	31.5	30.0	31.1	29.4	30.5	-0.98	3.0	1.0	30.4	-1.08	3.0	0.8	12	LZ
BEVFKL	31.5	30.1	32.1	32.8	31.6	-0.12	2.5	1.1	32.6	0.97	2.1	1.7	12	LZ
C7ZY9M	30.3	No DATA	No DATA	No DATA	30.3	-1.14	2.3	0.0	41.2	8.92 X	1.8	12.5 H	9	LH
CF7RLN	32.8	33.6	31.9	32.8	32.8	0.75	2.5	0.7	33.2	1.48	2.4	1.0	12	LA
CRJRHG_AL	32.7	30.7	30.9	31.2	31.4	-0.32	2.0	0.9	31.1	-0.43	1.9	0.9	12	XX
DRAKKE_AL	31.9	31.5	31.9	31.9	31.8	-0.01	1.7	0.2	31.5	-0.09	1.8	0.5	12	AL
DVTELK	31.6 L	31.7 H	30.1	31.7	31.3	-0.38	2.9	0.8	31.5	-0.07	2.6	1.2	12	LA
EBLM3J	34.2 H	31.9 H	32.0	31.5	32.4	0.46	4.6	1.2	32.5	0.82	3.7	1.0	12	LW
EGRFWE	No DATA	No DATA	No DATA	30.6	30.6	-0.93	1.6	0.0	30.0	-1.51	1.8	0.8	9	LW
ET4R4G	32.1	32.0	32.4	32.7	32.3	0.37	2.4	0.3	32.9	1.21	3.1	0.8	12	LA
EUZYVA	28.6 *	30.3	32.2	32.3	30.9	-0.70	2.2	1.8	31.0	-0.53	2.4	1.1	12	XX
EW34ZG	30.9	31.6	30.8	31.7	31.3	-0.41	2.4	0.4	32.2	0.59	2.2	1.4	12	LA
EWKX3C	30.5 H	29.4 H	27.7 X	29.9	29.3	-1.87	3.5	1.2	29.4	-2.08 *	3.3	1.0	8	LH
FNNGQD	32.2 H	33.0	33.7 L	32.7	32.9	0.84	3.0	0.6	32.0	0.39	2.8	2.1	12	LZ



Containerboard Interlaboratory Testing Program  
Analysis 224

Report #676  
January 2026

STFI, 52 lb Linerboard - 52M1

TAPPI Official Test Method T826

WebCode	Weekly Means				Monthly Results				Cumulative Results					Inst
	Week 1	Week 2	Week 3	Week 4	Mean	CPV	SD	SD Wks	Mean	CPV	SD	SD Wks	Wks	
HUNH4D	31.7 L	29.1 L	28.7 *L	29.3 L	29.7	-1.59	0.8	1.3	30.7	-0.81	0.9	1.6	12	XX
JFLJF7	33.1	34.5	33.2	34.5	33.8	1.54	2.8	0.8	33.5	1.78	2.4	0.9	12	LH
JNWWLC	32.0	34.0	33.9	33.7 H	33.4	1.21	2.9	1.0	32.9	1.18	2.9	0.9	12	XX
JZQ3Q9	31.6	30.6	30.5	31.2	31.0	-0.64	2.4	0.5	31.3	-0.30	2.3	0.5	12	LZ
K9A3BB	31.0	29.2	29.5	29.9	29.9	-1.43	2.4	0.8	30.1	-1.43	2.3	0.6	12	LZ
LJWGXD	32.0	32.1	30.8	29.5	31.1	-0.51	2.3	1.2	31.1	-0.45	2.7	1.1	12	LH
MZELYC	33.4	34.2	32.8	34.8 *	33.8	1.51	2.4	0.9	30.8	-0.75	2.5	2.5 H	12	LZ
MZELYC_AL	62.7 XL	65.3 XL	59.2 XL	No DATA	62.4	23.32 X	0.0	3.0 H	53.4	20.25 X	0.0	6.7 H	11	XX
PU3FC4	31.8 L	31.4	31.9	31.4	31.6	-0.12	1.6	0.3	32.0	0.33	1.7	0.5	12	LH
QH6R48_AL	34.0	30.8	32.3	31.8	32.2	0.30	2.5	1.3	32.4	0.70	2.4	1.0	8	XX
RA34GZ_AL	31.5	31.5	31.4 H	33.1	31.9	0.06	3.0	0.8	31.7	0.13	2.7	0.7	12	AL
RA42RV_AL	37.7 X	39.0 X	34.5	37.8 X	37.2	4.13 X	3.0	1.9 H	38.3	6.21 X	3.3	1.5	12	AL
RA9BR9	32.0	32.4	33.7	32.4	32.6	0.63	2.3	0.7	31.9	0.27	2.1	0.8	12	LA
RJYWX8	32.2	32.5	33.6	32.6	32.7	0.71	2.5	0.6	32.5	0.85	2.5	0.6	12	BK
RW3HZW	31.1 L	30.5 L	30.2 L	30.1 L	30.5	-1.01	1.2	0.4	31.3	-0.24	1.3	1.2	12	XX
T28N62	32.0 L	32.4 L	31.9 L	30.3 L	31.7	-0.11	0.0	0.9	31.7	0.11	0.0	0.7	12	LH
T2NVC4	34.1	34.1	33.5	33.0	33.7	1.42	2.9	0.5	33.4	1.70	3.0	0.6	6	LU
TBYWX6	32.6	31.1	31.5	29.3	31.1	-0.50	2.4	1.4	30.5	-1.03	2.6	1.1	12	LA
U3X7LT_AL	34.5 *	34.5	34.3	34.6	34.5	2.03 *	2.9	0.1 L	33.0	1.33	2.7	1.6	12	AL
VTM8PW	32.4	33.0	32.3	31.5	32.3	0.37	2.6	0.6	32.5	0.83	2.8	0.7	12	LH
W39HMV	32.4	30.6	33.6	30.6	31.8	-0.03	2.2	1.5	31.6	-0.02	2.3	1.1	8	LA
W39HMV_AL	32.3 L	33.0	33.6 L	32.7	32.9	0.84	1.8	0.5	33.1	1.36	2.0	0.6	8	AL
XEK92Q_AL	34.3	33.1	33.1	32.6	33.3	1.12	2.4	0.7	32.7	1.04	2.5	1.2	12	AL
ZKXZ3Z	35.3 *	34.0	34.5 H	35.4 *	34.8	2.29 *	3.0	0.7	34.1	2.34 *	6.5	4.5 H	12	LZ
ZWFKMW_A	29.8	30.9	No DATA	31.1	30.6	-0.91	2.5	0.7	29.9	-1.56	2.2	0.8	11	AL

Consensus (All Labs) Results									
Wk Mean	31.96	31.77	31.93	31.71	Month Mean	31.80	Grand Mean	31.60	
Avg SDr	2.63	2.43	2.34	2.49	Avg SD	2.46	Avg SD	2.54	
SD btwn Labs	1.25	1.60	1.44	1.55	SD btwn Labs	1.31	SD btwn Labs	1.08	
Labs Incl	56	55	52	56	SD btwn Wks	0.89	SD btwn Wks	1.21	
Labs Excl	3	3	4	2	Labs Incl	57	Labs Incl	55	
Labs not Rcvd	1	2	4	2					



Containerboard Interlaboratory Testing Program  
Analysis 224  
**STFI, 52 lb Linerboard - 52M1**  
TAPPI Official Test Method T826

**Report #676**  
**January 2026**

**Key to Instrument Codes Reported by Participants**

<b>AK</b>	L & W Autoline 300	<b>AL</b>	L & W Autoline 400
<b>BK</b>	Buchel Strip Compression Tester BK-155	<b>LA</b>	L&W Autoline (224 Enrollment)
<b>LH</b>	L&W 282	<b>LU</b>	L&W 52 without moisture correction (was 53)
<b>LW</b>	L&W 53 with moisture correction (was 53M)	<b>LY</b>	L&W 152 with moisture correction
<b>LZ</b>	L&W (model not specified)	<b>TT</b>	TMI Short Span Compression, 17-34 (MB K455)
<b>XX</b>	Instrument make/model not specified by lab		



**Containerboard Interlaboratory Testing Program**  
 Analysis 228  
**Roughness - Stylus Method, 42 lb Linerboard - 42N**  
 TAPPI Official Test Method T575

**Report #676**  
**January 2026**

WebCode	Monthly Results			Cumulative Results				
	Mean	CPV	SD	Mean	CPV	SD Months	Months	Inst
2X67TT	174.5	0.70	21.70	164.8	0.57	13.72	2	LA
4KAXNM	159.6	0.09	15.02	165.9	0.62	8.91	2	EV
4N9AJM	134.5	-0.93	8.95	134.5	-1.03	0.00	1	EV
8JXHWQ	160.3	0.12	26.75	155.8	0.09	6.43	2	XX
8JXHWQ_AL	156.9	-0.02	13.71	157.9	0.20	1.34	2	AL
962DEL_AL	122.5	-1.42	10.74	121.1	-1.73	1.93	2	AL
AV6X3L	194.7	1.52	12.73	175.0	1.10	27.80	2	EV
AW2DEJ	161.2	0.15	27.61	143.7	-0.54	24.75	2	LS
BEVFKL	172.9	0.63	7.29 <b>L</b>	166.4	0.65	9.19	2	LS
C7ZY9M	197.4	1.63	15.01	183.7	1.56	19.41	2	EV
CF7RLN	159.1	0.07	20.64	157.7	0.19	1.99	2	LA
DBRG9K	139.4	-0.73	13.20	136.8	-0.91	3.68	2	LS
DRAKKE_AL	118.8	-1.57	12.26	126.7	-1.44	11.17	2	AL
DVTELK	163.9	0.26	28.29	165.5	0.60	2.19	2	LA
EBLM3J	121.7	-1.45	14.57	124.9	-1.53	4.49	2	XX
ET4R4G	163.4	0.24	22.70	153.7	-0.02	13.70	2	LA
EW34ZG	180.5	0.94	30.19 <b>H</b>	169.3	0.80	15.80	2	LA
JNWVLC	190.9	1.36	20.71	174.8	1.09	22.77	2	EV
JZQ3Q9	198.3	1.67	13.61	177.6	1.24	29.35	2	EV
K9A3BB	190.2	1.34	27.98	171.1	0.90	27.01	2	LS
MZELYC	138.6	-0.76	1.88 <b>L</b>	69.5	-4.44 <b>X</b>	97.82	2	LA
MZELYC_AL	148.0	-0.38	18.99	163.5	0.50	21.90	2	AL
QH6R48_AL	136.7	-0.84	15.24	135.9	-0.95	1.13	2	AL
RA42RV_AL	27.9	-5.27 <b>X</b>	6.46 <b>L</b>	53.2	-5.30 <b>X</b>	35.65	2	AL
TBYWX6	138.7	-0.76	12.47	132.3	-1.14	9.12	2	LA
U3X7LT_AL	172.9	0.63	18.78	176.1	1.16	4.56	2	AL
VTM8PW	180.0	0.92	11.35	168.3	0.75	16.62	2	EV
W39HMV_AL	135.4	-0.90	16.43	135.3	-0.98	0.14	2	AL
XEK92Q_AL	138.3	-0.78	17.40	137.5	-0.87	1.15	2	AL
ZTVRBU	157.7	0.01	19.35	167.5	0.70	13.79	2	LS
ZWFKMW_AL	114.8	-1.73	9.92	124.2	-1.57	13.32	2	AL

Consensus (All Labs) Results			
Month Mean	157.40	Grand Mean	154.04
Avg SD	18.13	Avg SD Months	14.77
SD btwn Labs	24.57	SD btwn Labs	19.03
Labs Incl	30	Labs Incl	29



Containerboard Interlaboratory Testing Program  
Analysis 228  
**Roughness - Stylus Method, 42 lb Linerboard - 42N1**  
TAPPI Official Test Method T575

**Report #676**  
**January 2026**

**Key to Instrument Codes Reported by Participants**

AL	L & W Autoline 400	EV	Emveco Microgage Model 210-R
LA	L&W Autoline (228 Enrollment)	LS	L&W 263
XX	Instrument make/model not specified by lab		



**Containerboard Interlaboratory Testing Program**  
 Analysis 229  
**Roughness - Sheffield Method, 42 lb Linerboard - 42N1**  
 TAPPI Official Test Method T538

**Report #676**  
**January 2026**

WebCode	Monthly Results			Cumulative Results				
	Mean	CPV	SD	Mean	CPV	SD Months	Months	Inst
2GTRBV_AL	382.4	0.75	11.00	379.1	0.56	4.67	2	AL
8C3C4P_AL	386.0	1.03	7.94	386.0	1.16	0.00	1	AK
8JXHWQ_AL	376.6	0.30	10.44	376.2	0.31	0.57	2	AL
94KGLL_AL	377.1	0.33	6.37	377.0	0.38	0.14	2	XX
A8227F	380.1	0.57	8.25	383.3	0.93	4.53	2	XX
ARL32F	365.2	-0.60	8.09	369.3	-0.30	5.80	2	PP
CRJRHG_AL	374.6	0.14	9.98	375.2	0.22	0.85	2	AL
JNWVLC	387.5	1.16	10.59	385.4	1.11	3.01	2	XX
JRFMXE	261.6	-8.75 X	39.13 H	261.6	-9.70 X	0.00	1	XX
K9A3BB	373.1	0.02	14.59	371.2	-0.13	2.60	2	XX
MZELYC_AL	361.9	-0.86	7.32	363.9	-0.77	2.83	2	AL
QH6R48_AL	371.0	-0.15	10.01	372.1	-0.05	1.56	2	XX
RA34GZ_AL	354.8	-1.42	5.92	355.3	-1.52	0.71	2	AL
U3X7LT_AL	394.2	1.68	10.93	387.0	1.24	10.25	2	AL
XEK92Q_AL	357.9	-1.18	9.37	360.5	-1.07	3.61	2	AL
Z3GUTP	350.3	-1.77	6.01	349.0	-2.07 *	1.84	2	TS

Consensus (All Labs) Results			
Month Mean	372.85	Grand Mean	372.70
Avg SD	9.40	Avg SD Months	4.01
SD btwn Labs	12.71	SD btwn Labs	11.46
Labs Incd	15	Labs Incd	15

**Key to Instrument Codes Reported by Participants**

- |   |  |
|---|--|
| <b>AK</b> L & W Autoline 300<br><b>PP</b> Technidyne Profile/Plus<br><b>XX</b> Instrument make/model not specified by lab | <b>AL</b> L & W Autoline 400<br><b>TS</b> TMI Monitor/Smoothness |
|---|--|



**Containerboard Interlaboratory Testing Program**  
 Analysis 231  
**Internal Bond, 42 lb Linerboard - 42N**  
 TAPPI Official Test Method T569

**Report #676**  
**January 2026**

WebCode	Monthly Results			Cumulative Results				
	Mean	CPV	SD	Mean	CPV	SD Months	Months	Inst
2GTRBV	132.2	0.49	8.87	137.7	0.78	7.75	2	TM
2X67TT	161.4	2.17 *	6.02	156.5	1.89	6.93	2	HY
3FDWZM	134.2	0.61	2.53	144.2	1.16	14.08	2	TM
3KBBVP	131.2	0.44	5.59	129.6	0.31	2.26	2	HZ
4KAXNM	116.6	-0.40	1.34 L	123.2	-0.07	9.33	2	TM
4N9AJM	96.4	-1.56	4.93	96.4	-1.64	0.00	1	TM
7FJH2K	101.3	-1.28	4.46	97.0	-1.61	5.99	2	TM
8JXHWQ	127.8	0.24	13.59	124.0	-0.02	5.37	2	TM
94KGLL	146.0	1.28	8.46	142.7	1.07	4.67	2	HY
962DEL	114.6	-0.52	13.78	108.7	-0.92	8.34	2	TM
A8227F	139.3	0.90	3.06	142.2	1.05	4.09	2	HY
ARL32F	134.4	0.62	2.41	140.1	0.92	8.06	2	HY
CRJRHG	130.8	0.41	8.79	120.7	-0.22	14.28	2	LZ
DBRG9K	107.5	-0.92	5.53	105.1	-1.14	3.50	2	TM
EWKX3C	112.4	-0.64	13.41	119.2	-0.31	9.62	2	HY
JZQ3Q9	140.0	0.94	9.06	137.1	0.75	4.10	2	HZ
RA34GZ	112.4	-0.64	3.85	115.6	-0.52	4.53	2	TM
RA42RV	117.8	-0.33	8.56	117.8	-0.39	0.00	1	TM
RA9BR9	127.2	0.21	4.38	134.6	0.60	10.47	2	TM
U3X7LT	93.0	-1.76	11.77	97.4	-1.59	6.22	2	TM
UDGB26	118.6	-0.29	5.18	122.2	-0.13	5.09	2	HZ
V23ZNY	95.6	-1.61	4.22	101.2	-1.36	7.92	2	TM
VTM8PW	141.8	1.04	8.79	138.8	0.85	4.24	2	TM
ZTVRBU	134.0	0.60	3.00	133.6	0.54	0.57	2	HY

Consensus (All Labs) Results			
Month Mean	123.61	Grand Mean	124.40
Avg SD	7.65	Avg SD Months	7.50
SD btwn Labs	17.43	SD btwn Labs	17.03
Labs Incl	24	Labs Incl	24

**Consensus By Method**

Test Method	Group Mean	SD btwn Group	Difference from Grand Mean	Labs Included
Scott Bond Type	121.26	16.33	2.35	17
Modified Scott Bond Mechanics	140.93	14.15	17.32	4



Containerboard Interlaboratory Testing Program  
Analysis 231  
**Internal Bond, 42 lb Linerboard - 42N**  
TAPPI Official Test Method T569

**Report #676**  
**January 2026**

**Key to Instrument Codes Reported by Participants**

<b>HY</b>	Huygen Digitized Scott Internal Bond Tester	<b>HZ</b>	Huygen Internal Bond Tester with AccuPress
<b>LZ</b>	L&W (model not specified)	<b>TM</b>	TMI Monitor/Internal Bond Tester



**Containerboard Interlaboratory Testing Program**  
 Analysis 234  
**COF Inclined Plane (Slide Angle), 42 lb Linerboard - 42N**  
 TAPPI Official Test Method T815

**Report #676**  
**January 2026**

WebCode	Monthly Results			Cumulative Results			
	Mean	CPV	SD	Mean	CPV	SD Months	Months
2TPVFP	30.8	1.14	1.30	26.7	0.25	5.80	2
2X67TT	25.4	-0.30	2.51	25.1	-0.37	0.42	2
4KAXNM	27.0	0.13	2.55	27.6	0.60	0.85	2
4N9AJM	30.8	1.14	3.27	30.8	1.84	0.00	1
8JXHWQ	23.4	-0.83	2.07	22.7	-1.31	0.99	2
94KGLL	29.6	0.82	3.65	28.7	1.02	1.27	2
962DEL	27.7	0.33	1.94	27.0	0.38	0.99	2
9LJGPE	23.0	-0.94	1.22	24.1	-0.77	1.53	2
A8227F	25.1	-0.38	3.30	24.9	-0.44	0.21	2
ARL32F	26.0	-0.14	1.87	26.1	0.01	0.14	2
AV6X3L	27.6	0.28	2.55	27.6	0.59	0.01	2
AW2DEJ	20.0	-1.74	1.22	20.5	-2.16 *	0.71	2
BEVFKL	32.5	1.59	1.97	28.3	0.85	6.01	2
CRJRHG	22.8	-0.99	2.31	23.3	-1.07	0.71	2
DBRG9K	25.6	-0.24	0.89	26.2	0.05	0.85	2
EBLM3J	28.0	0.40	3.81	27.7	0.63	0.42	2
EW34ZG	22.8	-0.99	1.92	23.2	-1.11	0.57	2
EWKX3C	23.4	-0.83	1.14	21.3	-1.85	2.97	2
JZQ3Q9	32.7	1.65	5.99 H	29.7	1.39	4.31	2
K9A3BB	29.5	0.79	1.66	30.2	1.59	0.92	2
LJWGXD	28.0	0.40	3.39	25.6	-0.18	3.39	2
RA34GZ	29.2	0.71	1.64	29.1	1.18	0.14	2
RA42RV	24.2	-0.62	0.91	23.7	-0.92	0.71	2
T28N62	24.4	-0.56	2.07	24.1	-0.76	0.42	2
U3X7LT	18.2	-2.22 *	2.36	16.8	-3.60 X	1.98	2
VTM8PW	27.7	0.32	2.05	26.9	0.30	1.20	2
XEK92Q	27.9	0.37	1.91	26.4	0.13	2.12	2
ZKXZ3Z	26.2	-0.08	1.79	26.2	0.05	0.00	1
ZTVRBU	34.0	1.99 *	1.58	35.8	3.78 X	2.55	2
ZWFKMW	22.0	-1.20	4.53	26.3	0.09	6.08	2

Consensus (All Labs) Results			
Month Mean	26.52	Grand Mean	26.07
Avg SD	2.57	Avg SD Months	2.50
SD btwn Labs	3.75	SD btwn Labs	2.58
Labs Incl	30	Labs Incl	28



Containerboard Interlaboratory Testing Program  
Analysis 234  
**COF Inclined Plane (Slide Angle), 42 lb Linerboard - 42N**  
TAPPI Official Test Method T815

**Report #676**  
**January 2026**

**Key to Instrument Codes Reported by Participants**

ZZ Instruments No Longer Tracked



Containerboard Interlaboratory Testing Program  
Analysis 237

Report #676  
January 2026

Air Resistance, 42 lb Linerboard - 42N1

TAPPI Official Test Method T460

WebCode	Monthly Results				Cumulative Results				
	Mean	CPV	SD		Mean	CPV	SD Months	Months	Inst
2GTRBV_AL	40.6	-1.37	1.18	L	40.0	-1.69	0.86	2	AL
2TPVFP_AL	45.0	0.88	2.12		43.5	0.09	2.20	2	AL
2X67TT	43.4	0.03	3.16		45.4	1.10	2.91	2	LP
4KAXNM_AL	43.7	0.21	2.31		43.0	-0.14	0.97	2	AL
4N9AJM_AL	42.3	-0.54	2.74		42.4	-0.48	0.15	2	AL
7FJH2K	39.2	-2.11 *	1.84		40.0	-1.70	1.17	2	GA
8C3C4P_AL	42.0	-0.69	1.80		42.0	-0.69	0.00	1	AK
8JXHWQ	44.4	0.56	1.97		45.2	0.96	1.09	2	LP
8JXHWQ_AL	45.9	1.31	2.25		45.7	1.21	0.31	2	AL
94KGLL	48.0	2.41 *	5.40	H	47.4	2.09 *	0.94	2	TP
94KGLL_AL	40.7	-1.36	2.45		41.5	-0.95	1.15	2	XX
962DEL_AL	43.4	0.06	2.26		41.6	-0.89	2.60	2	AL
9LJGPE_AL	32.1	-5.73 X	2.32		33.3	-5.17 X	1.63	2	XX
A8227F	43.1	-0.13	5.79	H	44.8	0.76	2.46	2	TP
ARL32F	44.7	0.71	4.20		44.7	0.70	0.04	2	TP
AW2DEJ	41.5	-0.93	2.86		41.9	-0.71	0.62	2	TD
BEVFKL	33.0	-5.25 X	1.77		38.4	-2.55 *	7.51	2	LA
CF7RLN	46.8	1.77	2.73		47.1	1.95 *	0.47	2	LA
CRJRHG_AL	45.1	0.91	1.08	L	44.9	0.84	0.23	2	AL
DRAKKE_AL	43.2	-0.06	2.07		43.5	0.11	0.48	2	AL
DVTELK	43.8	0.22	3.02		44.0	0.35	0.33	2	LA
EBLM3J	30.2	-6.69 X	1.84		36.7	-3.40 X	9.15	2	LP
ET4R4G	44.8	0.78	2.23		45.9	1.32	1.47	2	LA
EW34ZG	40.3	-1.56	2.04		40.9	-1.25	0.86	2	LA
HHVA6B	42.6	-0.34	3.14		43.4	0.05	1.07	2	LP
JFLJF7	43.1	-0.11	2.69		44.4	0.54	1.77	2	XX
JZQ3Q9	43.3	-0.03	1.80		44.3	0.49	1.41	2	LP
K9A3BB	47.0	1.86	3.73		46.0	1.39	1.34	2	GA
LJWGXD	43.8	0.27	1.67		44.1	0.43	0.45	2	LP
MZELYC_AL	41.8	-0.80	2.51		42.2	-0.57	0.63	2	XX
QH6R48_AL	41.0	-1.16	2.84		42.3	-0.54	1.73	2	XX
RA34GZ_AL	43.5	0.10	2.23		42.0	-0.69	2.16	2	AL
RA42RV_AL	46.3	1.52	1.87		44.7	0.71	2.25	2	AL
RJUDA4	44.8	0.74	2.76		44.5	0.61	0.35	2	LP
RNTUMX	41.2	-1.08	4.08		42.7	-0.33	2.06	2	GG
T28N62	42.6	-0.35	4.80	H	43.2	-0.03	0.89	2	XX
TBYWX6	44.6	0.64	1.76		44.1	0.41	0.64	2	LA
U3X7LT_AL	41.4	-0.97	1.11	L	42.4	-0.49	1.34	2	AL
UDGB26	45.0	0.84	2.75		44.0	0.37	1.31	2	LP



**Containerboard Interlaboratory Testing Program**  
Analysis 237

**Report #676**  
**January 2026**

**Air Resistance, 42 lb Linerboard - 42N**

TAPPI Official Test Method T460

WebCode	Monthly Results			Cumulative Results				
	Mean	CPV	SD	Mean	CPV	SD Months	Months	Inst
VTM8PW	43.9	0.28	2.59	43.6	0.16	0.33	2	LP
W39HMV_AL	43.3	-0.01	1.83	42.9	-0.21	0.57	2	AL
XEK92Q_AL	40.8	-1.27	2.08	41.0	-1.19	0.25	2	AL
ZKXZ3Z	43.0	-0.15	1.29	43.0	-0.15	0.00	1	XX
ZTVRBU	43.5	0.10	3.43	44.0	0.35	0.69	2	LP
ZWFKMW_AL	41.0	-1.16	3.00	40.0	-1.71	1.48	2	AL

Consensus (All Labs) Results			
Month Mean	43.31	Grand Mean	43.31
Avg SD	2.81	Avg SD Months	1.76
SD btwn Labs	1.96	SD btwn Labs	1.94
Labs Incd	42	Labs Incd	43

**Key to Instrument Codes Reported by Participants**

- |   |   |
|---|---|
| <b>AK</b> L & W Autoline 300                          | <b>AL</b> L & W Autoline 400                            |
| <b>GA</b> Gurley Precision #4340 Automatic Densometer | <b>GG</b> Gurley Precision #4320 Densometer             |
| <b>LA</b> L&W Autoline (237 Enrollment)               | <b>LP</b> L&W Air Permeance Tester SE 166               |
| <b>TD</b> TMI Gurley Densometer                       | <b>TP</b> Technidyne Profile/ plus Roughness & Porosity |
| <b>XX</b> Instrument make/model not specified by lab  |   |



**Containerboard Interlaboratory Testing Program**  
 Analysis 240  
**Flat Crush Strength (CMT), 26 lb Corrugating Medium - CM61**  
 TAPPI Official Test Method T809

**Report #676**  
**January 2026**

WebCode	Weekly Means				Monthly Results				Cumulative Results					Inst
	Week 1	Week 2	Week 3	Week 4	Mean	CPV	SD	SD Wks	Mean	CPV	SD	SD Wks	Wks	
2X67TT	54.3	52.8	55.6	55.2	54.5	0.30	2.9	1.3	53.5	-0.02	2.7	1.8	8	XX
36WCFQ	53.8	52.9	53.8	54.2	53.7	0.05	2.7	0.5	53.7	0.05	2.6	2.1	8	TX
3KBBVP	53.2	50.7	52.3	51.1	51.8	-0.56	1.7	1.2	50.7	-0.91	2.2	1.4	8	LD
4N9AJM	52.8	52.3	54.4	54.2	53.4	-0.04	2.7	1.0	53.4	-0.06	6.7	2.8	8	LC
4QBAJK	49.9	49.8	49.2	49.0	49.5	-1.31	1.7	0.4	49.4	-1.33	1.7	0.3 L	8	MB
62R4PL	52.0	49.4	51.8	50.2	50.9	-0.87	2.3	1.3	50.5	-0.99	2.2	0.9	8	EM
7NJV7U	52.8	52.8	53.1	56.2	53.7	0.06	2.3	1.7	54.6	0.34	2.5	1.8	8	LD
8JGCJL	52.4	50.5	50.4	48.6 H	50.5	-0.99	3.5	1.6	53.1	-0.15	3.2	3.1	8	LD
8JXHWQ	53.2	52.6 H	51.6	51.0	52.1	-0.47	3.1	1.0	51.8	-0.57	3.3	0.8	8	LD
94KGLL	50.2	52.2	50.2	50.1	50.7	-0.94	2.3	1.0	50.9	-0.85	2.2	0.8	8	LD
9E227H	54.5 H	60.5 *	59.5 *	60.0	58.6	1.66	5.3	2.8 H	58.7	1.64	4.1	1.9	8	TB
9QZ2HL	54.3	57.1	55.1	56.0	55.6	0.68	2.7	1.2	61.9	2.68 *	2.5	6.8 H	8	LD
A8227F	52.3	51.3	52.7	53.4	52.4	-0.36	2.2	0.9	52.7	-0.29	2.4	1.2	8	LC
ARL32F	50.7	51.4	49.2	49.7	50.2	-1.07	2.7	1.0	49.7	-1.24	2.5	1.4	8	LD
AV6X3L	53.3	52.3	52.9	51.4	52.5	-0.35	3.5	0.8	52.5	-0.33	3.3	0.8	8	EN
BAF68H	58.4 L	58.3 L	58.5 L	58.3 L	58.4	1.57	0.6	0.1 L	58.4	1.55	0.5	0.1 L	8	LD
BEVFKL	59.6 *	59.2	58.5	58.0	58.8	1.72	3.7	0.7	55.7	0.69	2.9	3.4	8	LD
CF7RLN	56.8	57.1	54.9	56.3	56.3	0.89	2.8	1.0	56.8	1.05	3.4	1.0	8	TU
CRJRHG	50.0	49.9	50.4	48.1	49.6	-1.28	2.2	1.1	48.6	-1.60	2.0	1.3	8	LD
EBLM3J	53.0	52.2	53.0	54.0	53.0	-0.16	2.2	0.8	53.8	0.09	1.9	1.1	8	LD
EUZYVA	58.5 L	60.1 *L	57.8 L	60.8 *L	59.3	1.88	0.6	1.4	59.6	1.94 *	0.6	1.2	8	XX
EW34ZG	50.1	50.4 H	48.9 H	48.9 H	49.6	-1.30	4.8	0.8	50.6	-0.94	4.0	1.6	8	MB
HHVA6B	56.9 L	52.5	50.6	51.5 L	52.9	-0.22	1.4	2.8 H	52.8	-0.25	1.9	2.2	8	LD
HUNH4D	56.4 L	56.7	54.9	56.3	56.1	0.83	1.2	0.8	54.6	0.34	1.2	1.7	8	XX
JFLJF7	49.8	50.3	52.3	51.8	51.1	-0.80	1.9	1.2	51.1	-0.80	2.1	1.8	8	LD
JNWVLC	54.8	55.0	54.8	54.6	54.8	0.42	2.5	0.2	55.1	0.49	2.5	0.8	8	TX
JZQ3Q9	54.4	55.1	56.3 H	55.0	55.2	0.54	3.2	0.8	54.2	0.19	3.0	1.3	8	LZ
K9A3BB	48.5	50.2	50.6	51.2	50.1	-1.11	2.4	1.2	49.7	-1.25	2.4	1.1	8	LZ
MZELYC	54.1	53.9	52.0	54.0	53.5	-0.01	2.3	1.0	54.1	0.16	2.5	2.5	8	LD
NEPKJ3	51.3	52.2	53.8	53.7	52.7	-0.26	2.2	1.2	53.4	-0.05	2.6	1.1	8	LD
PQHG42	55.6	57.8	58.8	58.2	57.6	1.33	2.4	1.4	57.4	1.24	2.2	1.7	8	LC
PU3FC4	47.4 *	48.1	48.2	47.2	47.7	-1.89	2.6	0.5	48.8	-1.53	2.4	1.4	8	LD
RA34GZ	49.8	51.0	52.4	50.2	50.9	-0.87	2.3	1.1	50.6	-0.94	2.2	0.9	8	LD
RA42RV	55.2	54.9	54.9	56.5	55.4	0.60	3.1	0.8	55.3	0.55	2.8	0.6	8	LZ
RA9BR9	60.0 *	59.9	59.7 *	59.5	59.8	2.03 *	2.3	0.2	58.7	1.64	2.1	1.7	8	LC



Containerboard Interlaboratory Testing Program  
Analysis 240

Report #676  
January 2026

Flat Crush Strength (CMT), 26 lb Corrugating Medium - CM61

TAPPI Official Test Method T809

WebCode	Weekly Means				Monthly Results				Cumulative Results					
	Week 1	Week 2	Week 3	Week 4	Mean	CPV	SD	SD Wks	Mean	CPV	SD	SD Wks	Wks	Inst
RJUDA4	53.1	53.3	52.0	51.3	52.4	-0.36	2.9	0.9	52.4	-0.36	2.6	0.8	8	LD
RJYWX8	54.5	53.3	54.4	54.8	54.3	0.24	2.6	0.6	54.3	0.23	2.3	1.3	8	LZ
RW3HZW	58.0 L	58.0 L	57.9 L	57.9 L	58.0	1.44	0.4	0.0 L	55.0	0.46	0.6	3.2	8	TU
T28N62	55.6	56.0	55.7	55.7	55.7	0.72	2.5	0.2 L	56.0	0.79	2.4	0.9	8	LD
Y2Q9MT	55.2	55.4	55.7	56.4	55.7	0.70	2.3	0.5	56.2	0.86	2.8	1.0	8	LD
YYND4Q	51.5	52.9	52.9	52.1	52.4	-0.38	2.1	0.7	52.6	-0.30	2.3	0.9	8	LD
ZKXZ3Z	49.5	49.7	49.6	50.3	49.8	-1.22	1.7	0.4	49.8	-1.22	1.9	1.2	8	LD
ZTVRBU	No DATA	No DATA	No DATA	49.8	49.8	-1.22	1.7	0.0	49.7	-1.25	1.9	0.1	2	LD
ZWFKMW	55.2	56.2	52.5	54.9	54.7	0.39	2.5	1.6	54.5	0.28	2.4	1.2	8	LZ

Consensus (All Labs) Results														
Wk Mean	53.56	53.67	53.57	53.58	Month Mean	53.53			Grand Mean	53.57				
Avg SDr	2.80	2.48	2.50	2.68	Avg SD	2.60			Avg SD	2.65				
SD btwn Labs	3.01	3.26	3.05	3.48	SD btwn Labs	3.07			SD btwn Labs	3.11				
Labs Incd	43	43	43	44	SD btwn Wks	1.12			SD btwn Wks	1.88				
Labs Excl	0	0	0	0	Labs Incd	44			Labs Incd	44				
Labs not Rcvd	1	1	1	0										

Key to Instrument Codes Reported by Participants

EM	Emerson 1200 Series	EN	Emerson 2200 Series
LC	L&W Crush Tester 48	LD	L&W Crush Tester 248
LZ	L&W Crush Tester (model not specified)	MB	Messmer Buchel K440
TB	TMI Monitor/Compression Tester, 17-70	TU	TMI Universal Crush Tester (TMI K440)
TX	TMI Crush Tester (model not specified)	XX	Instrument make/model not specified by lab



Containerboard Interlaboratory Testing Program  
Analysis 250

Report #676  
January 2026

Fluted Edge Crush Strength (CFC), 26 lb Corrugating Medium - CM61

TAPPI Official Test Method T843

WebCode	Weekly Means				Monthly Results				Cumulative Results					Inst
	Week 1	Week 2	Week 3	Week 4	Mean	CPV	SD	SD Wks	Mean	CPV	SD	SD Wks	Wks	
2X67TT	59.0	60.9	60.1	60.0	60.0	1.01	2.0	0.8	60.4	0.66	2.0	1.3	8	XX
4N9AJM	59.1	60.1	62.9 *	62.7	61.2	1.63	2.1	1.9	60.9	0.82	1.9	1.4	8	LC
4QBAJK	57.8	57.7	57.4	57.7 L	57.7	-0.20	1.7	0.2 L	57.5	-0.34	1.7	0.3 L	8	MB
7NJV7U	59.7	59.4 H	59.1 H	55.3	58.4	0.18	4.2	2.1	56.5	-0.66	3.1	2.5	8	LD
8JXHWQ	48.6 X	47.1 X	47.0 X	46.2 X	47.2	-5.65 X	2.9	1.0	47.3	-3.82 X	4.5	0.8	8	LD
94KGLL	60.0 H	60.5	60.5	59.7 L	60.2	1.10	3.4	0.4	60.5	0.70	3.2	0.7 L	8	LD
9P4L7P	56.7	55.6	53.2 L	53.0 L	54.6	-1.78	1.5	1.8	54.4	-1.39	1.8	1.5	8	LD
9QZ2HL	60.3	59.2	58.0	53.4	57.7	-0.16	2.5	3.1	63.8	1.84	2.4	6.8 H	8	LD
A8227F	58.4	58.6	60.5 L	61.2	59.7	0.84	1.9	1.4	59.6	0.39	2.0	1.1	8	LC
ARL32F	60.5 H	57.7	56.5	58.6	58.3	0.13	3.0	1.7	58.7	0.08	2.8	1.2	8	LD
BEVFKL	72.2 XH	72.9 XH	66.9 X	74.9 X	71.7	7.11 X	5.0	3.4 H	64.3	2.02 *	3.7	8.2 H	8	LD
CRJRHG	59.7	59.9	57.4	59.9	59.2	0.60	2.2	1.2	59.2	0.27	2.0	1.2	8	LD
EBLM3J	57.9 H	57.7 H	56.2	58.1	57.5	-0.30	3.5	0.9	58.9	0.15	3.0	1.7	8	LD
EUZYVA	68.7 XL	70.6 XL	71.7 XL	70.2 XL	70.3	6.36 X	0.6	1.2	70.1	3.98 X	0.9	0.9	8	XX
FY64ZE	59.3	53.6	56.7	52.4	55.5	-1.35	3.3	3.1	56.3	-0.73	3.2	2.7	8	XX
HHVA6B	61.9 L	62.7 L	60.0 L	61.6 L	61.6	1.83	1.1	1.1	61.4	0.99	1.7	1.2	8	LD
HUNH4D	57.1 L	56.8	55.8 L	58.1 L	56.9	-0.59	1.1	1.0	60.2	0.58	1.1	3.5	8	XX
MJ6VW7	58.4	57.9 L	58.1	58.1 L	58.1	0.05	1.3	0.2 L	58.0	-0.15	1.5	0.4 L	8	LC
MZELYC	57.5	59.5	60.9	57.6	58.9	0.43	2.4	1.6	57.4	-0.36	2.3	2.9	8	XX
RA34GZ	59.9	59.5	54.6 H	57.9	58.0	-0.03	4.8	2.4	58.6	0.05	3.7	2.1	8	LD
RJUDA4	55.8	56.8	58.8	58.4	57.4	-0.32	2.1	1.4	57.7	-0.26	2.0	1.1	8	LD
RJYWX8	56.4	58.2	57.8	58.9	57.8	-0.12	2.1	1.0	57.9	-0.19	2.1	1.0	8	LZ
T28N62	50.8 XH	51.9 *	52.5 *	49.6 *	51.2	-3.58 X	3.6	1.3	51.5	-2.39 *	3.4	1.1	8	XX
ZKXZ3Z	56.7	57.7	57.6	52.7 H	56.2	-0.97	8.6	2.4	56.2	-0.78	8.6	2.4	4	XX
ZWFKMW	53.7 *	54.4	54.8	54.1	54.3	-1.98 *	2.9	0.5	54.6	-1.32	3.0	0.8	8	LZ

Consensus (All Labs) Results									
Wk Mean	58.37	58.01	57.70	57.23	Month Mean	58.05	Grand Mean	58.46	
Avg SDr	2.23	2.82	3.15	4.23	Avg SD	3.19	Avg SD	3.07	
SD btwn Labs	1.90	2.51	2.60	3.39	SD btwn Labs	1.92	SD btwn Labs	2.92	
Labs Incl	21	22	22	22	SD btwn Wks	1.66	SD btwn Wks	2.78	
Labs Excl	4	3	3	3	Labs Incl	21	Labs Incl	23	
Labs not Rcvd	0	0	0	0					



Containerboard Interlaboratory Testing Program  
Analysis 250

**Report #676**  
**January 2026**

**Fluted Edge Crush Strength (CFC), 26 lb Corrugating Medium - CM61**  
TAPPI Official Test Method T843

**Key to Instrument Codes Reported by Participants**

<b>LC</b>	L&W Crush Tester 48	<b>LD</b>	L&W Crush Tester 248
<b>LZ</b>	L&W Crush Tester (model not specified)	<b>MB</b>	Messmer Buchel K440
<b>XX</b>	Instrument make/model not specified by lab		



**Containerboard Interlaboratory Testing Program**  
 Analysis 255  
**Ring Crush (RCT), 26 lb Corrugating Medium - CM61**  
 TAPPI Official Test Method T822

**Report #676**  
**January 2026**

WebCode	Weekly Means				Monthly Results				Cumulative Results					
	Week 1	Week 2	Week 3	Week 4	Mean	CPV	SD	SD Wks	Mean	CPV	SD	SD Wks	Wks	Inst
2X67TT	34.3	34.3	34.1	34.4	34.3	0.28	1.9	0.1 L	32.9	-0.18	2.0	1.7	8	XX
36WCFQ	36.3	36.7	35.6	36.6	36.3	1.29	1.8	0.5	35.4	1.23	1.7	1.7	8	LZ
3KBBVP	31.8	32.8	31.9	32.5	32.2	-0.73	1.5	0.5	31.7	-0.85	1.6	0.7	8	LD
4QBAJK	32.9	32.7	32.8	32.1	32.6	-0.54	1.5	0.4	32.5	-0.40	1.5	0.3 L	8	MB
8C3C4P	33.9	34.1	32.7	34.4	33.8	0.02	2.4	0.7	33.8	0.30	2.4	0.7	4	LD
94KGLL	30.1	29.6	30.8	30.9	30.3	-1.67	1.5	0.6	30.5	-1.48	1.6	0.8	8	LD
9E227H	32.9	33.3	34.0	32.6	33.2	-0.25	1.8	0.6	34.8	0.88	1.6	1.8	8	XX
A8227F	31.8	32.9 H	33.4	33.3	32.8	-0.43	2.5	0.8	32.3	-0.50	2.3	0.8	8	LC
AGRMCE	31.6	31.2	34.2	34.6	32.9	-0.42	1.5	1.7	31.7	-0.83	1.5	1.8	8	TH
ARL32F	32.3	32.6	32.3	32.7	32.5	-0.61	2.2	0.2	32.0	-0.68	2.2	0.8	8	LD
BAF68H	42.8 XL	42.8 XL	42.8 XL	42.7 XL	42.8	4.49 X	0.7	0.0 L	43.1	5.41 X	0.6	0.3 L	8	LD
CRJRHG	32.0	32.9	31.9	35.9	33.2	-0.27	2.5	1.9	33.1	-0.04	2.2	1.3	8	LD
EW34ZG	34.8	31.3	33.0	33.1	33.1	-0.32	1.9	1.4	32.7	-0.28	2.1	1.4	8	MB
FY64ZE	37.1 H	36.7	40.9 X	38.6 *H	38.3	2.28 *	3.2	1.9	35.3	1.16	2.6	3.4 H	8	LD
HHVA6B	29.3 L	32.3	32.6	31.0	31.3	-1.20	1.2	1.5	30.8	-1.33	1.1	1.3	8	LD
HUNH4D	33.9	32.7	32.4	33.6	33.1	-0.29	1.1	0.7	32.8	-0.23	1.1	0.6	8	MZ
JFLJF7	34.5	33.7	38.0 *	32.6	34.7	0.49	1.7	2.4 H	34.3	0.62	1.8	1.8	8	LD
JNWVLC	29.7	29.9	30.3 H	30.3	30.1	-1.81	3.0	0.3	28.5	-2.57 *	2.7	1.8	8	MZ
K9A3BB	30.6	31.2	31.3	31.1	31.0	-1.32	1.6	0.3	31.3	-1.07	1.7	0.8	8	LD
LJWGXD	33.8	33.5	33.8	33.9	33.8	0.02	2.6	0.2 L	33.1	-0.04	2.2	1.2	8	LD
MZELYC	35.1	37.5	35.6	37.3	36.4	1.32	1.8	1.2	34.8	0.89	1.7	2.1	8	LD
NEPKJ3	36.9	34.1	35.9 H	35.0	35.5	0.87	2.3	1.2	34.5	0.70	2.3	1.7	8	LD
PQHG42	33.2	33.9	33.5	33.2	33.5	-0.13	1.7	0.4	34.5	0.73	1.6	1.2	8	XX
RA42RV	34.9	36.6	35.4	36.4	35.8	1.06	1.9	0.8	37.0	2.09 *	2.0	1.4	8	LZ
RJUDA4	31.2	32.5	32.7	33.4	32.4	-0.63	1.9	0.9	32.5	-0.41	1.8	0.9	8	LD
RW3HZW	33.0 L	33.0 L	33.0 L	32.8 L	32.9	-0.38	0.4	0.1 L	32.8	-0.24	0.4	0.2 L	8	TU
UQP4K6	17.5 X	16.2 X	15.8 X	15.6 X	16.3	-8.64 X	1.5	0.8	16.0	-9.44 X	1.6	1.0	8	XX
Y2Q9MT	34.0	35.5	33.7	35.8	34.8	0.53	1.5	1.0	34.1	0.48	1.8	1.1	8	LD
YYND4Q	36.4	36.6	36.4	35.5	36.2	1.23	2.3	0.5	35.0	1.00	2.0	1.4	8	EM
ZKXZ3Z	37.6	36.9	36.3	37.2	37.0	1.63	2.1	0.6	35.1	1.04	1.7	2.2	8	LZ



**Containerboard Interlaboratory Testing Program**  
 Analysis 255  
**Ring Crush (RCT), 26 lb Corrugating Medium - CM61**  
 TAPPI Official Test Method T822

**Report #676**  
**January 2026**

Consensus (All Labs) Results									
Wk Mean	33.41	33.61	33.61	33.95	Month Mean	33.71	Grand Mean	33.21	
Avg SDr	2.16	2.02	1.84	1.86	Avg SD	1.98	Avg SD	1.89	
SD btwn Labs	2.26	2.13	1.85	2.12	SD btwn Labs	2.02	SD btwn Labs	1.82	
Labs Incd	28	28	27	28	SD btwn Wks	1.03	SD btwn Wks	1.48	
Labs Excl'd	2	2	3	2	Labs Incd	28	Labs Incd	28	
Labs not Rcvd	0	0	0	0					

**Key to Instrument Codes Reported by Participants**

<b>EM</b>	Emerson 1200 Series	<b>LC</b>	L&W Crush Tester 48
<b>LD</b>	L&W Crush Tester 248	<b>LZ</b>	L&W Crush Tester (model not specified)
<b>MB</b>	Messmer Buchel K440	<b>MZ</b>	Messmer Buchel (model not specified)
<b>TH</b>	TMI Compression Tester, Model 17-76	<b>TU</b>	TMI Universal Crush Tester (TMI K440)
<b>XX</b>	Instrument make/model not specified by lab		



**Containerboard Interlaboratory Testing Program**  
 Analysis 261  
**STFI, 26 lb Corrugating Medium - CM61**  
 TAPPI Official Test Method T826

**Report #676**  
**January 2026**

WebCode	Weekly Means				Monthly Results				Cumulative Results					Inst
	Week 1	Week 2	Week 3	Week 4	Mean	CPV	SD	SD Wks	Mean	CPV	SD	SD Wks	Wks	
24R3BN	11.3	11.2	11.2	11.1	11.2	-0.13	0.8	0.1	10.4	-1.13	0.7	0.9	8	LU
36WCFQ	12.4	12.3	12.2	12.6	12.3	1.25	0.7	0.2	11.9	1.07	0.7	0.8	8	XX
3KBBVP	11.2	11.6	11.1	11.5	11.4	0.03	0.8	0.2	11.0	-0.26	0.7	0.4	8	XX
62R4PL	11.7	12.0	12.0	11.9	11.9	0.71	0.9	0.1	11.1	-0.10	0.8	0.9	8	LH
8C3C4P	11.7	12.1	12.5	12.1	12.1	0.95	0.8	0.3	12.1	1.41	0.8	0.3	4	LH
8JXHWQ	10.2	10.3	10.5	10.0	10.3	-1.32	0.9	0.2	10.2	-1.44	0.8	0.1	L 8	LB
9QZ2HL	11.9 L	12.5	11.7 L	12.3 L	12.1	0.96	0.4	0.4	12.8	2.48 *	0.6	0.8	8	LA
A8227F	11.0	11.0	11.3	10.7	11.0	-0.41	0.6	0.2	10.9	-0.35	0.7	0.2	L 8	LU
ARL32F	10.4	10.5	10.4 L	10.1 L	10.4	-1.21	0.5	0.2	10.2	-1.50	0.7	0.3	8	LB
BEVFKL	15.5 XH	14.6 X	15.2 X	14.4 X	14.9	4.44 X	1.1	0.5	12.8	2.55 *	1.0	2.3 H	8	LA
CF7RLN	12.0	12.8	12.1	12.1	12.3	1.14	0.9	0.4	11.5	0.51	0.8	0.9	8	LA
CRJRHG	11.3	11.3	10.7 L	11.3 L	11.2	-0.18	0.5	0.3	11.0	-0.19	0.5	0.3	8	LA
DVTELK	12.3	12.4	11.4	11.1 H	11.8	0.58	0.9	0.6	11.2	0.09	0.6	0.8	8	LA
ET4R4G	12.2 H	11.8 H	11.9	12.0	12.0	0.82	1.1	0.2	11.4	0.42	0.9	0.6	8	LA
EUZYVA	11.4 H	11.4	12.0	11.4	11.5	0.25	1.0	0.3	10.8	-0.60	0.9	0.8	8	XX
EW34ZG	11.6	12.3	11.5 H	11.4	11.7	0.45	1.1	0.4	11.1	-0.13	1.0	0.7	8	LA
FNNGQD	12.7	12.9	12.4	12.4	12.6	1.59	0.8	0.2	11.7	0.82	0.8	1.0	8	XX
FY64ZE	13.0 *	12.3 H	12.7 H	12.9	12.7	1.73	1.2	0.3	13.8	4.06 X	1.2	1.4	7	LH
HUNH4D	10.5 L	10.3	10.0 L	10.1 L	10.2	-1.36	0.4	0.2	11.2	-0.02	0.5	1.0	8	XX
JDV8UF	10.5	11.0	10.9	10.4	10.7	-0.77	0.9	0.3	10.7	-0.71	0.9	0.3	4	TT
JNWVLC	11.8	11.9	12.3	12.2	12.0	0.90	1.0	0.2	11.3	0.25	0.9	0.8	8	TS
K9A3BB	10.6	10.3	10.1	10.8	10.4	-1.08	0.9	0.3	11.0	-0.26	0.7	1.6	8	LB
LJWGXD	11.4	11.2	11.1	11.0	11.1	-0.22	0.8	0.2	11.0	-0.25	0.8	0.2	8	LH
MZELYC	11.8	10.6 L	12.2	12.7	11.8	0.59	0.7	0.9 H	11.2	0.12	0.6	0.9	8	LZ
NEPKJ3	11.4	11.3	11.4	11.4	11.3	0.02	0.8	0.1	11.4	0.31	0.9	0.8	8	LH
RA34GZ	11.8	11.4	11.6	10.7 L	11.4	0.06	0.6	0.5	11.4	0.41	0.7	1.2	8	LA
RA9BR9	10.2	11.3	11.0	10.6	10.8	-0.68	0.8	0.5	10.4	-1.17	0.8	0.5	8	LA
RW3HZW	10.5	10.4	10.6	10.5	10.5	-1.02	0.8	0.1	10.5	-1.00	0.8	0.3	8	XX
T28N62	10.8 L	11.1 L	11.6 L	11.4 L	11.2	-0.11	0.0	0.4	11.1	-0.08	0.0	0.3	8	LH
ZKXZ3Z	9.3 *	9.3 *	9.3 *	9.4 *	9.3	-2.46 *	0.6	0.1	8.7	-3.80 X	0.5	0.7	8	LZ
ZTVRBU	No DATA	No DATA	No DATA	10.4	10.4	-1.09	0.8	0.0	10.4	-1.24	0.6	0.1	2	LH



**Containerboard Interlaboratory Testing Program**  
 Analysis 261  
**STFI, 26 lb Corrugating Medium - CM61**  
 TAPPI Official Test Method T826

**Report #676**  
**January 2026**

Consensus (All Labs) Results								
Wk Mean	11.34	11.41	11.37	11.28	Month Mean	11.33	Grand Mean	11.17
Avg SDr	0.77	0.81	0.91	0.81	Avg SD	0.82	Avg SD	0.78
SD btwn Labs	0.85	0.86	0.82	0.89	SD btwn Labs	0.81	SD btwn Labs	0.66
Labs Incd	29	29	29	30	SD btwn Wks	0.34	SD btwn Wks	0.84
Labs Excl'd	1	1	1	1	Labs Incd	30	Labs Incd	29
Labs not Rcvd	1	1	1	0				

**Key to Instrument Codes Reported by Participants**

LA L&W Autoline	LB L&W Model 152
LH L&W 282	LU L&W 52 without moisture correction (was 53)
LZ L&W (model not specified)	TS TMI Monitor/STFI Compression Tester, 17-33
TT TMI Short Span Compression, 17-34 (MB K455)	XX Instrument make/model not specified by lab