

# CARRIER TAPE PEEL STRENGTH TEST CAPABILITY STUDY

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Sample#	Min. Reading	Max. Reading	Ave. Reading	RANGE
1	41.11	46.63	43.91	5.52
2	40.23	45.22	41.45	4.99
3	39.78	45.32	42.68	5.54
4	40.02	46.19	42.67	6.17
5	41.55	45.87	43.98	4.32
6	40.18	45.21	41.67	5.03
7	41.32	46.24	42.89	4.92
8	41.83	47.05	43.64	5.22
9	39.43	46.94	43.12	7.51
10	40.21	45.03	41.29	4.82
11	41.88	46.33	42.38	4.45
12	39.42	46.85	44.04	7.43
13	40.36	45.21	43.93	4.85
14	41.86	45.62	42.18	3.76
15	42.34	46.28	43.22	3.94
16	41.07	46.13	42.17	5.06
17	39.25	45.23	41.25	5.98
18	41.23	46.11	42.56	4.88
19	42.95	47.25	42.86	4.30
20	40.03	44.87	41.96	4.84
21	41.27	46.08	43.27	4.81
22	41.24	46.18	44.02	4.94
23	38.98	44.32	42.62	5.34
24	41.22	46.15	43.22	4.93
25	40.84	45.85	42.17	5.01
26	41.55	46.21	44.13	4.66
27	39.05	45.22	42.43	6.17
28	41.26	45.32	42.55	4.06
29	40.23	46.12	43.28	5.89
30	40.36	45.11	42.78	4.75
Xbar	40.74	45.87	42.81	5.14
Std. Dev.	1.006	0.710	0.840	0.871
sum	1222.05	1376.14	1284.32	
Cpk hi	22.68443378	Cp	15.8662	
Cpk lo	9.047964494	Cpk	9.0480	

<b>EDGE SIDE</b>
Machine: ASM-007 Peel Force Tester: PSA-006

<b>SYSTEMATION PSA</b>	
Grams Force speed:	300 mm/min
Upper Limit =	100 gramsforce
Lower Limit =	20 gramsforce

<b>T/R Machine Setting</b>	
Seal Pressure:	3 Bars

Sealing blade Temp:	205 deg C
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Seal Blade Width:	0
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Sealing time:	70
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Venturi Pressure	N/A
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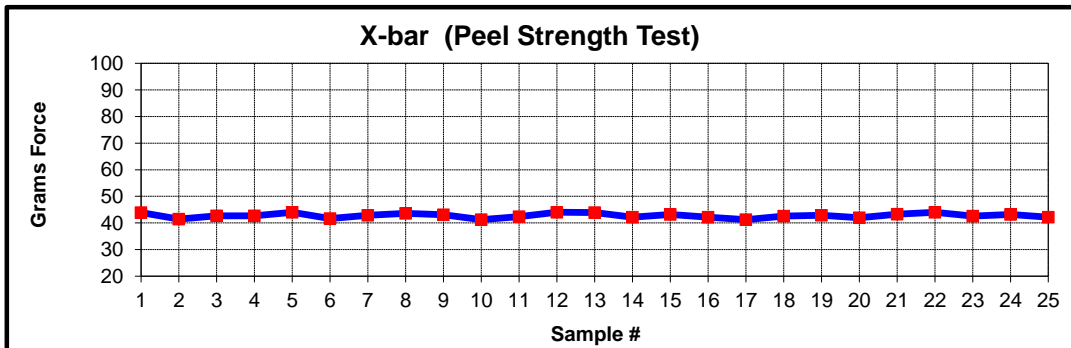
Tension Pressure:	N/A
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Machine main Pressure:	2.8 PSI
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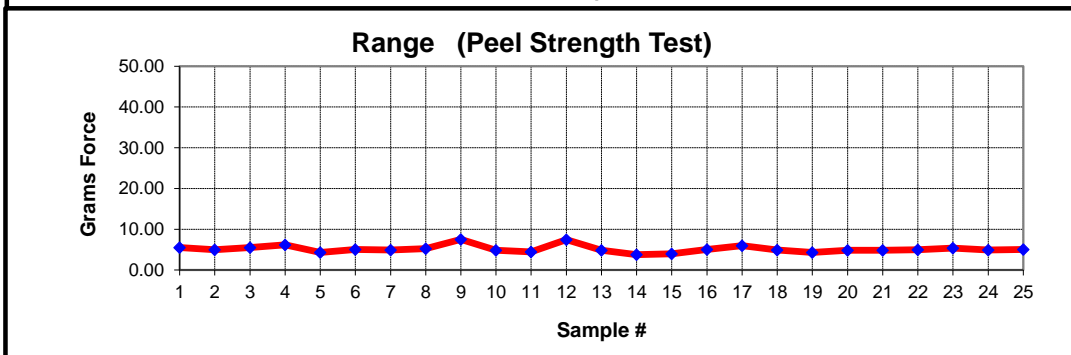
<b>Carrier tape infromation</b>	
Vendor	0
Description	0

<b>Cover tape infromation</b>	
Vendor	0
Description	0.0

X-bar	
UCL	45.3
A	44.5
B	43.7
CL	42.8
c	42.0
B	41.1
LCL	40.3



Range	
UCL	7.7
A	6.9
B	6.0
CL	5.1
c	4.3
B	3.4
LCL	2.5



Note: If LCL is a negative, put ZERO, instead.