

Linerboard Specifications

Property		31 lb.	33 lb.	35 lb.	41 lb.	46 lb.	51 lb.	55 lb.	61.5 lb.	69 lb.	82 lb.	90 lb.
Nominal Basis Weight	<i>lbs./msf.</i>	31	33	35	41	46	51	55	61.5	69	82	90
	<i>g/m²</i>	151	161	171	200	225	249	269	300.2	337	400	439
Conditioned Basis Weight												
<i>Min.</i>	<i>lbs./msf.</i>	29.5	31.4	33.3	39.0	43.7	48.5	52.3	58.4	65.6	77.9	85.5
<i>Max.</i>	<i>lbs./msf.</i>	33.2	35.3	37.5	43.9	48.3	54.6	58.9	65.8	73.8	87.7	96.3
<i>Min.</i>	<i>g/m²</i>	144.0	153.3	162.6	190.4	213.3	236.8	255.3	285.1	320.3	380.3	417.4
<i>Max.</i>	<i>g/m²</i>	162.1	172.3	183.1	214.3	235.8	266.6	287.5	321.2	360.3	428.2	470.1
Moisture												
<i>Min.</i>	<i>percent</i>	5.5	5.5	5.5	5.5	5.0	5.5	5.5	5.5	5.5	5.5	5.5
<i>Max.</i>		9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
Ring Crush, CD												
<i>Min.</i>	<i>lbf/6 inch</i>	54	58	63	75	82	90	105	115	120	135	150
<i>Min.</i>		<i>kN/m</i>	1.6	1.7	1.8	2.2	2.4	2.6	3.1	3.4	3.5	3.9
Mullen												
<i>Min.</i>	<i>psi</i>	78	80	87	100	112	118	122	130	140	155	165
<i>Min.</i>		<i>Kpa</i>	537.4	551.2	599.4	689.0	771.68	813.0	840.6	895.7	964.6	1068.0
HST*	<i>Min.</i>	<i>seconds</i>	30	30	30	30	45	45	45	45	45	45
Porosity	<i>Min.</i>	<i>seconds</i>	8	8	8	8	8	8	8	8	8	8
Smoothness	<i>Target</i>	<i>sheffield</i>	375	375	375	375	375	375	375	375	375	375
Slide Angle												
<i>Min.</i>	<i>degrees</i>	20	20	20	20	20	20	20	20	20	20	20
<i>Max.</i>		40	40	40	40	40	40	40	40	40	40	40

*Hercules Size Test is performed using 20% formic acid.
 Conditioned Wt. is at 7.5% moisture.