

PROPERTY	TEST METHOD	FREQUENCY <sup>(1)</sup>	UNIT Metric	1084025-58559-1
<b>SPECIFICATIONS</b>				
Thickness (Nominal ±5%)	EN 1849-2	Every roll	mm	1.50
Asperity Height (min. avg.) (3)	ASTM D-7466	Every roll	mm	0.40
Melt Index - 190/2.16 (max.)	ASTM D-1238	1/Batch	g/10 min	1.0
Melt Index - 190/5.0 (max.)	ISO 1133 T	Per formulation	g/10 min	3.5
Sheet Density	ISO 1183-1	Per formulation	g/cc	< 0.940
Carbon Black Content (9)	ASTM D-4218	Every 2 rolls	%	2.0 - 3.0
OIT - standard (avg.)	ISO 728	Per formulation	min	100
Tensile Properties (min. avg) (2)	ISO 527 1-3	Every 2 rolls		
Strength at Break (min. ave.)			kN/m	46
Elongation at Break			%	750
Tear Resistance (min. avg.)	ISO 34-1	Every 5 rolls	N	180
Puncture Resistance (min. avg.)	ISO 12236	Every 5 rolls	kN	3.0
<b>SUPPLY SPECIFICATIONS</b> (Roll dimensions may vary ±1%)				
Roll Dimension - Width	-		m	6.80
Roll Dimension - Length	-		m	164.6
Area (Surface/Roll)	-		m <sup>2</sup>	1119.3

**NOTES**

1. Testing frequency based on standard roll dimensions and one batch is approximately 180,000 lbs (or one railcar).
2. Specimens are cut in the smooth edges.
3. Lowest individual and 8 out of 10 readings as per GRI-GM13 / 17, latest version.
9. Correlation table is available for ASTM D1603 vs ASTM D4218. Both methods give the same results.

\* All values are nominal test results, except when specified as minimum or maximum.

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