



Data Sheet

Property	Test Method	V30B Imperial	V30B Metric
Thickness	ASTM D5199	30 mil	.75 mm
Density	ASTM D792 or ASTM D1505	0.914/g/cm ³	
Weight	ASTM D751	145 lbs/MSF 20.9 oz/yd ²	707 g/m ²
Tensile Strength	ASTM D6693	11.8 lbf/in	20 N/mm
Elongation at Film Break (%)	ASTM D6693	932	
Tear Resistance, Graves	ASTM D1004	13.6 lbf	60 N
Puncture Resistance	ASTM D4833	47.6 lbf	211.7 N
Carbon Black %	ASTM D4218	2.5	
Carbon Black Dispersion	ASTM D5596	0 in category 3 or above	
Oxidative Induction Time (OIT) or High Pressure OIT, HPOIT (min)	ASTM D3895 ASTM D5885	311	
Oven Aging at 85C (90 Days)	ASTM D5721/ASTM D5885	Pass	
UV Resistance (1600 Hours)	ASTM D7238	Pass	
Maximum Use Temperature		180F 40C	82C -40C
Dimensional Stability % Change	ASTM D1204	-0.63	
Multiaxial Tension % Elongation	ASTM D5617	400	
Perms (Imperial - grains/ft ² /hr/in HG) (Metric: grams/m ² /day/mm HG)	ASTM E96	0.03	0.02
Seam Shear Adhesion	ASTM D6392	35 lbf/in	84 N/cm
Seam Peel Adhesion	ASTM D6392	25 lbf/in	45 N/cm
Strip Tensile	ASTM D882	101 lbf/in	177 N/cm
Elongation at Film Break (%)	ASTM D882	1013	
2% Secant Modulus	ASTM D5323	8319 psi	57 N/mm ²

* 20 year pro-rate warranty is available