


WMP-30 BLACK

BLACK COATING / POLYPROPYLENE / SCRIM / KRAFT

Meets ASTM C1136, Type I, II, III, IV

FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
Black Coating	Flame Resistant	0.0002 inch	5.1 micron
Film	Metallized Polypropylene	0.0015 inch	38.1 micron
Adhesive	Flame Resistant		
Reinforcing	Tri-directional Fiberglass / Polyester	5 / inch (MD) 5 / inch (XD)	20 / 100 mm (MD) 20 / 100 mm (XD)
Kraft	Natural	30 lbs / 3000 ft ²	49 g / m ²

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	31 lbs / 1000 ft ²	151 g / m ²
Permeance (WVTR)	ASTM E96 Procedure A	0.02 perm (grains/hr'ft ² in Hg)	1.15 ng / N's
Bursting Strength	ASTM D774	70 psi	4.9 kg / cm ²
Puncture Resistance	ASTM C1136	105 beach units	3.1 Joules
Tensile Strength	ASTM C1136	55 lbs/inch width (MD) 40 lbs/inch width (XD)	9.6 kN / m (MD) 7.0 kN / m (XD)
Caliper / Thickness	Micrometer	0.010 inch	254 micron
Accelerated Aging	30 Days @ 95% RH, 120°F (49°C)	No Corrosion No Delamination	No Corrosion No Delamination
Low Temperature Resistance	ASTM D1790 -40°F (-40°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
High Temperature Resistance	4 hours @ 240°F (116°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
Water Immersion	24 hours @ 73°F (23°C)	No Delamination	No Delamination
Mold Resistance	ASTM C665 / C1338	No Growth	No Growth
Dimensional Stability	ASTM D1204	0.25%	0.25%

FIRE TESTING	ASTM E84 / UL 723		
	Film Side	Kraft Side	
Flame Spread	5	10	
Smoke Developed	5	20	

Physical Properties based upon statistical averages, Weight / Thickness +/- 10%

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