


WMP-F BLACK

POLYPROPYLENE / SCRIM / FOIL

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	Polypropylene	0.0015 inch	38.1 micron
Adhesive	Flame Resistant		
Reinforcing	Bi-directional Fiberglass	4 / inch (MD) 4 / inch (XD)	16 / 100 mm (MD) 16 / 100 mm (XD)
Foil	Aluminum	0.0003 inch	7.6 micron

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	21 lbs / 1000 ft ²	103 g / m ²
Permeance (WVTR)	ASTM E96 Procedure A	0.02 perm (grains/hrft ² in Hg)	1.15 ng / N's
Bursting Strength	ASTM D774	90 psi	6.3 kg / cm ²
Puncture Resistance	ASTM C1136	130 beach units	3.9 Joules
Tensile Strength	ASTM C1136	45 lbs/inch width (MD) 45 lbs/inch width (XD)	7.9 kN / m (MD) 7.9 kN / m (XD)
Caliper / Thickness	Micrometer	0.008 inch	203 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		CAN ULC-S102M		
	Film Side	Foil Side	Film Side	Foil Side	
Flame Spread	10	5	10	5	
Smoke Developed	20	10	20	10	

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

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