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# WMP-10 BLACK

## BLACK COATING / POLYPROPYLENE / SCRIM / KRAFT

**Meets ASTM C1136, Type II, 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	White	14 lbs / 3000 ft <sup>2</sup>	23 g / m <sup>2</sup>

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	21 lbs / 1000 ft <sup>2</sup>	103 g / m <sup>2</sup>
Permeance (WVTR)	ASTM E96 Procedure A	0.02 perm (grains/hr·ft <sup>2</sup> ·in Hg)	1.15 ng / N's
Bursting Strength	ASTM D774	65 psi	4.6 kg / cm <sup>2</sup>
Puncture Resistance	ASTM C1136	125 beach units	3.7 Joules
Tensile Strength	ASTM C1136	40 lbs/inch width (MD) 35 lbs/inch width (XD)	7.0 kN / m (MD) 6.1 kN / m (XD)
Caliper / Thickness	Micrometer	0.009 inch	229 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	UL-723 / ASTM E84	
	Flame Spread	Smoke Developed
Film Exposed	10	10
Kraft Exposed	15	5

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

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