

WMP-ASJ

POLYPROPYLENE / CORE / SCRIM / FOIL

TENATIVE SPECIFICATION

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

FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
White Film	Polypropylene	0.0015 inch	38.1 micron
Adhesive	Flame Resistant		
Core	Proprietary	38 lbs / 3000 ft ²	62 g / m ²
Adhesive	Fire Retardant		
Reinforcing	Tri-directional Fiberglass	5 / inch (MD) 5 / inch (XD)	20 / 100 mm (MD) 20 / 100 mm (XD)
Barrier Coating	Polymeric		
Foil	Aluminum	0.0003 inch	7.6 micron

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	34 lbs / 1000 ft ²	166 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	120 psi	8.4 kg / cm ²
Puncture Resistance	ASTM C1136	60 beach units	1.8 Joules
Tensile Strength	ASTM C1136	80 lbs/inch width (MD) 60 lbs/inch width (XD)	14.0 kN / m (MD) 10.5 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	
	ASTM E84
	Polypropylene Side Exposed
Flame Spread	10
Smoke Developed	30

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

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