LAMTEC®

CORPORATION

AFS-2 / PW FOIL / LINER / FOIL WHITE

Tentative

FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
White Foil	Aluminum	0.0005 inch	12.7 micron
Adhesive	Emulsion		
Kraft Liner	Natural	38 lbs / 1000 ft²	186 gm / m²
Adhesive	Emulsion		
Foil	Aluminum	0.0003 inch	7.6 micron

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	50 lbs / 1000 ft²	244 gm / m²
Permeance (WVTR)	ASTM E96 Procedure A	0.02 perm (grains/hr·ft²·in Hg)	1.15 ng / N·s
Bursting Strength	ASTM D774	90 psi	6.3 kg / cm²
Puncture Resistance	ASTM C1136	40 beach units	1.2 Joules
Tensile Strength	ASTM C1136	85 lbs/inch width (MD) 35 lbs/inch width (XD)	14.9 kn / m (MD) 6.1 kn / m (XD)
Caliper / Thickness	Micrometer	0.012 inch	305 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	No Growth	No Growth
Dimensional Stability	ASTM D1204	0.25%	0.25%
Emissivity	ASTM E408	0.03	0.03

FIRE TESTING

	E-84	
	Flame Spread	Smoke Developed
Foil Exposed	TBD	TBD

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

"LAMTEC" AND "WMP" ARE REGISTERED TRADEMARKS OF LAMTEC CORPORATION

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