

**WMP-UV SD**  
**COATED POLYPROPYLENE / SCRIM / POLYESTER**

**TENTATIVE SPECIFICATION**

<b>FACING COMPOSITION</b>	<b>DESCRIPTION</b>	<b>VALUES (ENGLISH)</b>	<b>VALUES (METRIC)</b>
Coated White Film	Polypropylene	0.0015 inch	38.1 micron
Adhesive	Flame Resistant		
Reinforcing	Tri-directional Fiberglass	4 / inch (MD) 4 / inch (XD)	16 / 100 mm (MD) 16 / 100 mm (XD)
Film	Metallized Polyester	0.0005 inch	12.7 micron

<b>PHYSICAL PROPERTIES</b>	<b>TEST METHOD</b>	<b>VALUES (ENGLISH)</b>	<b>VALUES (METRIC)</b>
Basis Weight	Scale	15 lbs / 1000 ft <sup>2</sup>	73 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	100 psi	7.0 kg / cm <sup>2</sup>
Tensile Strength	ASTM C1136	35 lbs/inch width (MD) 35 lbs/inch width (XD)	6.1 kN / m (MD) 6.1 kN / m (XD)
Caliper / Thickness	Micrometer	0.007 inch	178 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%
Light Reflectance	ASTM E1331	85%	85%

<b>FIRE TESTING</b>	<b>ASTM E84</b> <b>White Polypropylene Side</b>
Flame Spread	10
Smoke Developed	25

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

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5010 River Road Mount Bethel, Pennsylvania 18343-5610 U.S.A.  
Phone: (570) 897-8200 Fax: (570) 897-6081 Web: [www.lamtec.com](http://www.lamtec.com)