

AerTrim™ LW

Technical Data Sheet

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PHYSICAL PROPERTIES

Property	Test Method	Result
Weight	ASTM D-792	15 oz/yd ² ± 10% (510 g/m ² ± 10%)
Thickness ¹		0.015" (0.38mm)
UV Stability	ASTM G53 QUV A340 Bulbs 200 hours	ΔE < 1
Abrasion Resistance	ASTM D 1044 CS10 wheels, 500 cycles 500g weight	Weight Loss < 15mg
Chemical Resistance NVC = No Visible Change	Schneller Stain Test	NVC
Dimensional Stability Machine Transverse	ASTM D1204 (200°F/92°C)	0% 0%
Tensile Strength Machine Transverse	ASTM D 712 (Room Temp)	5,011 psi 4,463 psi
Flexural Modulus Machine Transverse	ASTM D790 (Room Temp)	1.72 x 10 ⁵ psi 1.58 x 10 ⁵ psi

FLAMMABILITY PROPERTIES

Property	Test Method	Result
OSU/NBS (bonded w/ PSA to SSCP ²) Total (kw-min/m ²) Peak (kw/m ²) NBS (D _s)	FAR 25.853	< 30 < 40 < 50
OSU/NBS (bonded w/ PSA to Aluminum) Total (kw-min/m ²) Peak (kw/m ²) NBS (D _s)	FAR 25.853	< 30 < 30 < 40

¹ Thickness is affected by texture.

² SSCP: Schneller Standard Core Panel