

AerGlas™ LHR I

Technical Data Sheet

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PHYSICAL PROPERTIES		
Property	Test Method	Result
Weight	ASTM-D792	22 oz/yd ² ± 10% (680 g/m ² ± 10%)
Thickness ¹	Measured before texturing	0.017" – 0.023" (0.43 – 0.58mm)
UV Stability	ASTM G 53 QUV A340 Bulbs 200 hours	DE < 1
Abrasion Resistance	ASTM D 1044 (500g weight) CS10 wheels, 500 cycles	Weight loss < 15 mg
Chemical Resistance	Schneller Test	No Visible Change
Dimensional Stability Machine Transverse	ASTM D1204 (200°F/92°C)	0% 0%
Tensile Strength Machine Transverse	ASTM D712 (Room Temp)	8,890 psi NT
Flexural Modulus Machine Transverse	ASTM D790 (Room Temp)	4.3 x 10 ⁵ psi 1.96 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