

AerGlas™ LHR III

Technical Data Sheet

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PHYSICAL PROPERTIES		
Property	Test Method	Result
Weight ¹	ASTM-D792	48 oz/yd ² ± 10% (1536 g/m ² ± 10%)
Thickness ²	Measured before texturing	0.045" – 0.055" (1.14 – 1.39mm)
UV Stability	ASTMG53 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%
Maximum Deflection Machine Transverse	ASTM D790	0.13" 0.07"
Flexural Modulus Machine Transverse	ASTM D790 (Room Temp)	2.2 x 10 ⁴ psi 1.96 x 10 ⁴ psi
FLAMMABILITY PROPERTIES		
Property	Test Method	Result
OSU/NBS (bonded w/ PSA to SSCP) ³ Total (kw-min/m ²) Peak (kw/m ²) NBS (D _s)	FAR 25.853	< 40 < 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 < 60

¹ Measured without adhesive

² Thickness is affected by texture

³ SSCP – Schneller Standard Core Panel