

AerTrim® LHR

Technical Data Sheet

June 2020 • Page 1 of 1

PHYSICAL PROPERTIES		
Property	Test Method	Result
Weight	ASTM D-792	22 oz/yd ² ± 10% (680 g/m ² + 10%)
Thickness ¹		0.017" – 0.023" (0.43 – 0.58mm)
UV Stability	ASTM G53 QUV A 340 Bulbs 200 hours	DE < 1
Abrasion Resistance ¹	ASTM D 1044 CS10 wheels, 500 cycles 500g weight	Weight Loss < 15 mg
Chemical Resistance NVC = No Visible Change	Schneller Test	NVC
Dimensional Stability Machine Transverse	ASTM D1204 (200°F/92°C)	0% 0%
Tensile Strength Machine Transverse	ASTM D 712 (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 Heat Release	FAR 25.853 (d), Amdt 25-116, Appendix F, Part IV	Pass
NBS Optical Smoke Density	FAR 25.853 (d), Amdt 25-116, Appendix F, Part V	Pass
Vertical Burn, 60 Sec	FAR 25.853 (a), Amdt 25-116, Appendix F, Part I (a)(1)(i)	Pass

¹ Thickness and abrasion are affected by texture.