

AerFilm Contour[®]

Technical Data Sheet

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PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	RESULT	
Weight	ISO 3801 method 5	< 250 g/m ²	
Abrasion Resistance ¹	ISO 9352 (CS10, 3.75N, 400 rev at 70 rev/min)	No penetration of cap layer	
UV Stability	ISO 105 – B02 (140 hrs, QUVA-340 Bulbs)	$\Delta E < 1.0$	
Tear Strength (without adhesive)	ISO 4674-1	Machine	Transverse
		>1 N	>1 N
Tensile Strength (without adhesive)	ISO 527-3/2/50	Machine	Transverse
		> 70 N	> 70 N

FLAMMABILITY PROPERTIES

PROPERTY	TEST METHOD	RESULT
OSU Heat Release	FAR 25.853 (d), Amdt 25-116, Appendix F, Part IV	Meets requirement
NBS Optical Smoke Density	FAR 25.853 (d), Amdt 25-116, Appendix F, Part V	Meets requirement
Vertical Burn, 60 Sec	FAR 25.853 (a), Amdt 25-116, Appendix F, Part I (a)(1)(i)	Meets requirement

¹ Thickness and abrasion are affected by texture