

PHYSICAL PROPERTIES

Property	Test Method	Result
Weight ¹	ASTM-D792	8.5 oz/yd ² ± 10% (290 g/m ² ± 10%)
UV Stability	ASTM-G53 QUV A340 Bulbs 200 hours	DE < 1
Abrasion Resistance	ASTM-D4060 CS10 Wheels 500 grams 500 cycles	< 15mg
Chemical Resistance	DuPont Technical Data	No visible effect
Dimensional Stability: Machine Transverse	ASTM-D1204 (200°F/92°C)	< 2% < 1.5%
Tensile: Machine Transverse	ASTM-D882	32 lbs./in. (142N/25mm) 26 lbs./in. (116N/25mm)
Tear: Machine Transverse	ASTM-D1004	0.4 lbs. (1.73 N) 0.25 lbs. (1.10 N)
Biaxial Elongation 212°F	Schneller Procedure WIR-012	4" Hg = (0.14 bar) = 16% 9" Hg = (0.31 bar) = 120%

FLAMMABILITY PROPERTIES

Property	Test Method	Result
OSU Heat Release ²	FAR 25.853	Total < 30 kw-min/m ² Peak < 40 kw/m ²
OSU Heat Release ³	FAR 25.853	Total < 50 kw-min/m ² Peak < 55 kw/m ²
NBS Smoke Density ²	FAR 25.853	D _s @ 4min < 100
NBS Smoke Density ³	FAR 25.853	D _s @ 4min < 150

¹ Weight of AerFilm™ without adhesive

² Flammability testing was conducted with AerFilm bonded with HA211 to aluminum

³ Flammability testing was conducted with AerFilm bonded with HA211 to crush core

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