


Characteristic	Standard	Unit	Average Value From Production
Tensile Strength	ASTM D412	psi	≥75
Elongation at Break	ASTM D412	%	≥120
Hardness	ASTM D2240	Shore A	55 ± 5 40 ± 5
Abrasion Resistance (H18 wheels, 1000g, 1000 cycles)	ASTM D3389	g loss	≤2.0
Critical Radiant Flux	ASTM E648	W/cm ²	≥0.45
Optical Density of Smoke	ASTM E662	-	<450
Thickness	ASTM F387	mm	13.5 ± 0.3
Thickness of top layer	ASTM F410	mm	≥6.0
Chemical Resistance	ASTM F925	-	Compliant
Static Load Limit (250 psi)	ASTM F970	Inch	0.010
Resistance to Heat	ASTM F1514	ΔE	≤8.0
Resistance to Light	ASTM F1515	ΔE	≤8.0
Adhesion test (All approved adhesives)	EN 1372	N/mm	≥1
Coefficient of Friction (IAAF Method)	EN 13036-4	-	≥47
Shock Absorption (IAAF Method)	EN 14808	%	35-50
Vertical Deformation (IAAF Method)	EN 14809	mm	0.6-2.5
Spike resistance	EN 14810	ΔTr % ΔEb %	≤ 20 ≤ 20
Color Match	CMC 2:1	ΔE	≤3

Environmental Attributes

VOC Emissions	GREENGUARD Gold GREENGUARD Certification CA Section 01350	
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Materials and Resources	Post-Consumer Recycled Content	12%
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Pre-Consumer Recycled Content	36%
Rapidly Renewable Materials Content	10%

Weight and Dimensions



13.5 mm
(35/64")



12.4 Kg/m²
(2.54 lb/ft²)



0.92-1.70 m
(3'-5'7")



15m (Min. 6m, Max. 16 m)
[49'2" (Min. 19'8", Max. 52'9)']