

Characteristic	Standard	Unit	Requirement	Average Value From Production
Modulus @ 10% Elongation	ASTM D412	psi	≥300	≥400
Coefficient of Friction* ¹	ASTM D2047	-	≥0.5	≥0.6
Hardness	ASTM D2240	Shore A	≥85	90 ± 5
Abrasion Resistance (H18 wheels, 1000g, 1000 cycles)	ASTM D3389	g loss	≤1.0	0.3
Critical Radiant Flux	ASTM E648	W/cm ²	≥0.45	≥0.45, Class 1
Optical Density of Smoke	ASTM E662	-	<450	≤350
Impact Sound Insulation	ASTM E2179	dB	-	Delta IIC 20
Thickness	ASTM F386	mm	-	3.0 ± 0.15
Chemical Resistance	ASTM F925	-	-	Compliant
Static Load Limit (tested at 800 psi)	ASTM F970	Inch	≤0.005	0.003
Resistance to Heat	ASTM F1514	ΔE	≤8.0	Compliant
Resistance to Light	ASTM F1515	ΔE	≤8.0	Compliant
Dimensional Stability	ASTM F2199	%	≤0.15	≤0.05
Effect of Castor Chairs	EN 425	-	-	Suitable for type W wheels
Electrical Resistance	EN 1081	ohm	-	>10 ¹⁰
Electrostatic Charge	EN 1815	kV	-	≤2 antistatic

Note ¹ADA requires a coefficient of friction >0.6 for flat surfaces, >0.8 for ramps.

Environmental Attributes

VOC Emissions	GREENGUARD Gold	✓
	GREENGUARD Certification	✓
	CA Section 01350	✓
	AgBB	✓

Weight and Dimensions

