



Characteristic	Standard	Unit	Requirement	Average Value From Production
Tensile Strength	ASTM D412	psi	-	≥300
Elongation at Break	ASTM D412	%	-	≥100
Coefficient of Friction	ASTM D2047	-	≥ 0.5	≥0.80
Hardness	ASTM D2240	Shore A	-	75 ± 5 (wear layer) 70 ± 5 (backing)
Abrasion Resistance (H18 wheels, 1000g, 1000 cycles)	ASTM D3389	g loss	≤1.0	<0.6
Critical Radiant Flux	ASTM E648	W/cm ²	≥0.45	≥0.45, Class 1
Optical Density of Smoke	ASTM E662	-	<450	<450
Chemical Resistance	ASTM F925	-	-	Compliant
Static Load Limit (250 psi)	ASTM F970	Inch	-	0.008
Resistance to Heat	ASTM F1514	ΔE	≤8.0	Compliant
Resistance to Light	ASTM F1515	ΔE	≤8.0	Compliant
Environmental Attributes				
VOC Emissions	GREENGUARD Gold GREENGUARD Certification CA Section 01350			✓ ✓ ✓
Materials and Resources	Post-Consumer Recycled Content Pre-Consumer Recycled Content Rapidly Renewable Materials Content			7% 13% 4%
Weight and Dimensions				
Thickness (ASTM F386)	8.0 ± 0.2mm		[0.315"]	
Weight	12kg/m ²		[≥2.45lb/ft ²]	
Tile Dimensions	609.6mm x 609.6mm		[24"x 24"]	