




Characteristic	Standard	Unit	Requirement	Average Value From Production*
Elongation at Break	ASTM D412	%	-	≥230
Tensile Strength	ASTM D412	psi	-	≥500
Static Coefficient of Friction	ASTM D2047	-	≥0.50	>0.60
Hardness	ASTM D2240	Shore A	-	78 ±5 (wear layer) 60 ±5 (backing)
Abrasion Resistance (H18 wheels, 1000g, 1000 cycles)	ASTM D3389	g loss	≤1.0	<0.75
Critical Radiant Flux	ASTM E648	W/cm ²	≥0.45	≥0.45 (Class 1)
Optical Density of Smoke	ASTM E662	-	<450	<450
Reduction of Impact Sound Transmission	ASTM E2179	dB	-	20 (ΔIIC)
Thickness	ASTM F386	mm	-	8 (±0.1)
Chemical Resistance	ASTM F925	-	-	Compliant**
Static Load Limit (tested at 250 psi)	ASTM F970	in	-	<0.005
Resistance to Heat	ASTM F1514	ΔE	≤8.0	Compliant
Resistance to Light	ASTM F1515	ΔE	≤8.0	Compliant
Force Reduction	ASTM F2772	%	-	Class 1
Vertical Deformation	ASTM F2772	mm	-	Pass
Ball Rebound	ASTM F2772	%	-	Pass
Surface Finish Effect	ASTM F2772	BPV	-	Pass

Health and Environmental Attributes

Indoor Air Quality (VOC Emissions)	CA Section 01350	
	GREENGUARD Certification	
	GREENGUARD Gold	
Hazardous Materials	Phthalate-free	Formaldehyde-free
	Halogen-free	Isocyanate-free
	Heavy metal-free	BPA-free
Materials and Resources (% by weight)	Post-Consumer Recycled Content	≥21% (2.16kg/m ² ; 0.44lb/ft ²)
	Pre-Consumer Recycled Content	≥13.5% (1.40kg/m ² ; 0.29lb/ft ²)
	Rapidly Renewable Materials	≥2.2% (0.22kg/m ² ; 0.05lb/ft ²)

Weight and Dimensions	Metric	Imperial
Thickness (ASTM F386)	8mm (±0.1mm)	0.315" (±0.004)
Weight	≥10.0kg/m ²	≥2.05lb/ft ²
Roll Width	1.86m	6'1"
Roll Length	13m	42'7"
	[min. 6m, max. 17m]	[min. 19'8", max. 55'9"]

*Mondo reserves the right to modify product design and/or specifications at any time without notice.

**For the list of chemicals tested, concentrations and contact times, please communicate with Mondo's Technical Department.