

Characteristic	Standard	Unit	Requirement	Average Value From Production*
Elongation at Break	ASTM D412	%	-	≥200
Tensile Strength	ASTM D412	psi	-	≥160
Static Coefficient of Friction	ASTM D2047	-	≥0.50	>0.80
Hardness	ASTM D2240	Shore A	-	75 ±5 (wear layer) 55 ±5 (backing)
Abrasion Resistance (H18 wheels, 1000g, 1000 cycles)	ASTM D3389	g loss	≤1.0	<0.45
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	-	25 (ΔIIC)
Thickness	ASTM F386	mm	-	18 (±0.3)
Chemical Resistance	ASTM F925	-	-	Compliant**
Resistance to Heat	ASTM F1514	ΔE	≤8.0	Compliant
Resistance to Light	ASTM F1515	ΔE	≤8.0	Compliant
Force Reduction	ASTM F2772	%	-	>28 (Class 2)
Vertical Deformation	ASTM F2772	mm	-	2.55
Ball Rebound	ASTM F2772	%	-	98.6
Surface Finish Effect	ASTM F2772	BPV	-	89

Health and Environmental Attributes

Hazardous Materials	Phthalate-free Halogen-free Heavy metal-free	Formaldehyde-free Isocyanate-free BPA-free
Materials and Resources (% by weight)	Post-Consumer Recycled Content Pre-Consumer Recycled Content Rapidly Renewable Materials	≥7.2% (1.25kg/m ² ; 0.26lb/ft ²) ≥29.3% (6.35kg/m ² ; 1.30lb/ft ²) ≥4.7% (1.0kg/m ² ; 0.20lb/ft ²)

Weight and Dimensions	Metric	Imperial
Thickness (ASTM F386)	18mm (±0.3mm)	0.709" (±0.118")
Weight	≥18.0kg/m ²	≥3.69lb/ft ²
Roll Width	1.86m	6'1"
Roll Length	12m [min. 6m, max. 17m]	39'4" [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.