


Characteristic	Standard	Unit	Requirement	Values From Manufacturing Controls*
Modulus at 10% Elongation	ASTM D412	psi	≥300	336.34
Coefficient of Friction	ASTM D2047	-	≥0.50	≥0.80
Hardness	ASTM D2240	Shore A	≥85	94
Abrasion Resistance (H18 wheels, 1000g, 1000 cycles)	ASTM D3389	g loss	≤1.0	0.13 g
Critical Radiant Flux	ASTM E648	W/cm <sup>2</sup>	≥0.45	≥0.45 (Class 1)
Optical Density of Smoke	ASTM E662	-	≤450	≤450
Antimicrobial Activity	ASTM E2180	-	-	Significant Reduction
Wear Layer Thickness	ASTM F410	mm	≥1	>1
Chemical Resistance	ASTM F925	-	-	Compliant**
Static Load	ASTM F970	in	≤0.005	0.001 (at 250 psi) 0.004 (at 800 psi)
Resistance to Heat	ASTM F1514	ΔE	≤8.0	Compliant
Resistance to Light	ASTM F1515	ΔE	≤8.0	Compliant
Tile Size	ASTM F2055	mm	±0.45	Compliant
Tile Squareness	ASTM F2055	mm	≤0.254	Compliant
Dimensional Stability of Tiles	ASTM F2199	%	≤0.15	Compliant
Impact Sound Insulation	ISO 10140-3	dB	-	~10 (ΔL <sub>w</sub> )

**Environmental Attributes**

Air Quality (VOC Emissions)	AgBB CA Section 01350 GREENGUARD Certification GREENGUARD Gold M1 Emission Class for Building Materials				✓ ✓ ✓ ✓ ✓	
Health-Conscious Production	Massetto is manufactured <u>without</u> :	BPA (Bisphenol A) Isocyanate	Formaldehyde Phthalate	Halogen Heavy Metal	PVC	
Materials and Resources	Pre-consumer recycled content:				≥3%	
	Rapidly renewable materials:				≥10%	
Production Plant	ISO 9001 and ISO 14001 Resilient flooring manufactured using a source of green energy: solar energy.					

Weight and Dimensions	Metric	Imperial
Thickness (ASTM F386)	3 mm (±0.1 mm)	0.118" (±0.004")
Weight	~5.2 kg/m <sup>2</sup>	~1.07 lb/ft <sup>2</sup>
Roll Width	1.90 m	6' 2"
Roll Length	10 m [min. 6 m; max. 18 m]	32' 9" [min. 19'8"; max. 59']
Tiles	61 cm x 61 cm	24" x 24"

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

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