

Characteristic	Standard	Unit	Requirement**	Result*
Modulus at 10% Elongation	ASTM D412	psi	≥300	455.64
Static Coefficient of Friction (neolite heel)	ASTM D2047	-	≥0.50 (dry)	≥0.80 (dry)
Durometer Hardness	ASTM D2240	Shore A	≥85	95
Abrasion Resistance (H18 wheel, 1000 g, 1000 cycles)	ASTM D3389	g loss	≤1.0	0.22
Critical Radiant Flux	ASTM E648	W/cm <sup>2</sup>	≥0.45	≥0.45 (Class 1)
Optical Density of Smoke	ASTM E662	-	≤450	≤450
Wear Layer Thickness	ASTM F410	mm	≥1	Compliant
Chemical Resistance	ASTM F925	-	≤Slight Change	Compliant***
Static Loading	ASTM F970	in	≤0.005 (at 250 psi)	0.001 (tested at 250 psi) 0.004 (tested 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 Tile	ASTM F2199	%	≤0.15	Compliant
Resistance to Fungi	ASTM G21	-	-	No Growth
Impact Sound Insulation	ISO 10140-3	dB	-	≈11 (ΔL <sub>w</sub> )

**Health and Environmental Attributes**

Indoor Air Quality (VOC Emissions)	AgBB	✓
	CA Section 01350	✓
	French Decree № 2011-321 (Class A+)	✓
	GREENGUARD Certification	✓
	GREENGUARD Gold	✓
	M1 Emission Class for Building Materials	✓
Environmental Label	The Blue Angel (RAL-UZ 120)	✓
	GECA 25-2011v2	✓
Health-Conscious Production	Kayar is free from red listed ingredients (LBC Red List v4.0) and is manufactured <u>without</u> bisphenol A (BPA), formaldehyde, halogens, heavy metals, isocyanates, phthalates and polyvinyl chloride (PVC). HPD (Health Product Declaration) and EPD (Environmental Product Declaration) available.	
Materials and Resources (% by Weight)	Pre-consumer recycled content:	≥10%
	Rapidly renewable materials:	≥4%
Manufacturing Plant	ISO 9001 and ISO 14001 certified plant. Floor covering manufactured using 100% renewable electric energy sources: water, wind & solar.	

Weight and Dimensions	Metric	Imperial
Thickness (ASTM F386)	3 mm (±0.15 mm)	0.118" (±0.006")
Weight	~4.9 kg/m <sup>2</sup>	~1.00 lb/ft <sup>2</sup>
Rubber Sheet Width	1.90 m	6'2"
Rubber Sheet Length	10 m [min. 6 m; max. 18 m]	32'9" [min. 19'8"; max. 59']
Rubber Tile Size	61 cm x 61 cm	24" x 24"

\*Result from manufacturing controls or third-party testing can vary between production lots, laboratories, methods and/or equipment, and as such do not constitute representations or warranties as to any particular production lot. Mondo reserves the right to modify product design and/or specifications at any time without notice.

\*\*Manufactured product must respect the minimal requirement for the characteristic listed.

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

Technical and warranty information is available for download at [www.mondocontractflooring.com](http://www.mondocontractflooring.com)

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