

| Characteristic | Standard | Unit | Requirement | Values From Manufacturing Controls* |
|---|------------|-------------------|-------------|--|
| Modulus at 10% Elongation | ASTM D412 | psi | ≥300 | 386.37 |
| Coefficient of Friction | ASTM D2047 | - | ≥0.50 | ≥0.80 |
| Hardness | ASTM D2240 | Shore A | ≥85 | 90 |
| Abrasion Resistance (H18 wheels, 1000g, 1000 cycles) | ASTM D3389 | g loss | ≤1.0 | 0.54 g |
| Critical Radiant Flux | ASTM E648 | W/cm ² | ≥0.45 | ≥0.45 (Class 1) |
| Optical Density of Smoke | ASTM E662 | - | ≤450 | ≤450 |
| 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 |

Environmental Attributes

| | | | | |
|--------------------------------|---|-----------------------|--|--|
| Air Quality (VOC Emissions) | AgBB CA Section 01350 GREENGUARD Certification GREENGUARD Gold M1 Emission Class for Building Materials | ✓ ✓ ✓ ✓ ✓ | | |
| Environmental Label | The Blue Angel (RAL-UZ 120) | | | |
| Health-Conscious Production | Lava is manufactured <u>without</u> : BPA (Bisphenol A) Formaldehyde Halogen Heavy Metal Isocyanate Phthalate PVC (Polyvinyl Chloride) | | | |
| 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 (±0.15 mm) | 0.118" (±0.006") |
| Weight | ~4.7 kg/m ² | ~0.96 lb/ft ² |
| 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" |

*Values obtained from manufacturing controls can vary between production lots and 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.

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