

Mats Inc. Technical Data for Duraplay

Product Description

Material	High impacted polypropylene copolymer
Tile size	1/2" x 12" x 12"
Accessories	Beveled Edging: 2" x 12"

Technical Specifications

	Test	Requirement	Duraplay
Physical Properties			
Overall thickness		In inches	1/2"
Weight		In lbs/sq ft	0.84 lbs/sq ft
Safety			
Federal flammability	CPSC FF 1-70	Pass/Fail	Pass
Slip resistance	ASTM C1028	Slip coefficient: OSHA min. 0.5; ADA (guideline) min. 0.6	wet 0.71 dry 0.73
Performance			
Shock absorption	DIN 18032-2	Minimum 53%	68%
Sliding behavior	DIN 18032-2	0.4 – 0.6	0.6
Tensile elongation	ASTM D638	At yield	7%
Tensile strength	ASTM D638	In pounds per square inch	3,000 psi
Flexural modulus	ASTM D790	In pounds per square inch	150,000 psi
E modulus	ASTM D5418	In pounds per square inch	170,000 psi
Deflection temperature	ASTM D648	In degrees Fahrenheit	189° F
Melting point	ASTM D2117	In degrees Fahrenheit	325° F
Ignition temperature	ASTM D1929	In degrees Fahrenheit	1020° F
Vicat softening point	ASTM D1525	In degrees Fahrenheit	265° F
Low temperature bitterness	ASTM D2137	In degrees Fahrenheit	-50° F
LEED			
MR Credit 5	LEED-NC v. 3	For 1 - 2 points: The material must be manufactured within 500 miles of the project location.	