

# EKOMATS Product Specifications

Dimensions	39" x 9' 10"
Thickness	3/4 inches
Weight	~ 132 pounds
Material	Recycled LDPE Plastic
Recycled Content	75+% Postconsumer Waste

Burn Index	DIN 1420	B1 (Difficult to ignite)
Temperature Range		-40° – +158°F
Density	ISO 1183-2	.0325 - .0434 lb/in
Surface Hardness	ISO 59	62 Shore D
Water Absorption	ISO 62	0.06%
Tensile Strength	ISO 527	3.176 ksi
Elongation at Break	ISO 527	0.053
Impact Resistance	ISO 179	160.2 lbf*ft/in
Bending Resistance	ISO 178	No Break
Compression (Pressure) Resistance	ISO 604	8.412 ksi
Impact Elasticity	ISO 4662	15%
Heat Transfer Coefficient	ISO 8302	.0317 BTU/h*ft <sup>2</sup> *degF
Electric Resistivity	ISO 257	7.5 Mohm
Melting Point	ISO 11357	249°F

Chemical Resistance	Very Good	Good	Average	Poor
Mineral Oil	X			
Acetone	X			
Acetic Acid	X			
Ammoniac			X	
Detergents		X		
Ethyl Alcohol		X		
Methyl Alcohol		X		
Glycerine	X			
Toluene		X		
Sodium Hydroxide			X	
Hydrochloric Acid	X			
Sulphuric Acid		X		
Sodium Hypochlorite		X		

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