

Molded Recycled Rubber Specifications

Composition	Recycled Rubber – 100% Binder							
Curb Supports Thickness, Weight	4", 8.0 lbs./lf.							
Color	Black							
Tensile Strength	ASTM D412-92	350 psi						
Hardness	ASTM D2240-91	53 Shore A						
Flammability	Meets Federal Flammability Doc FF 1-70 CPSC							
Flame Spread	(UL 94 Standard, Horizontal Burning test for Classifying Material 94HB)	0.495"/Min on ¼" thick mat						
Dimensional Stability	+0.242% at two hours @ 60°C- 0.092% at 48 hours @ 20°C & 65% Rel.Humidity							
Ultimate Elongation	ASTM D412-87	152%						
Critical Radiant Flux	ASTM E648-94a	0.11 watts/sq.cm.						
Electrical Resistance	ASTM D991	1.6 x 10 ⁹ megohms average 5.6 x 10 ⁸ megohms average						
Electrostatic Propensity	AATCC Test Method 134-1991	Neg 0.9 KV Maximum Voltage						
Thermal Resistance	R-Value	0.36 per ½"						
Thermal Resistivity		.72 (all thicknesses)						
Thermal Conductance		2.78 per ½" – 1.78 per ¼"						
Thermal Conductivity	K-Value	1.39 (all thicknesses)						
Tear Resistance (ppi)	ASTM D624-91	122 lbs./in.						
Coefficient of Friction	ASTM D1894	.096						
Density KG/m³	ASTM C177	1039 Relatively Dense						
Oil/Gasoline	Submersion	No Effect						
Salt	Exposure	No Effect						
UV Aging	ASTM G23-88	No Cracks/Deterioration						
Compression and Recovery	ASTM D575	Immediate 98.1% After 24 hours 99.2% After 48 hours 99.4% After 72 hours 99.7% After 96 hours 99.7%						
Accelerated Weathering Carbon Arch Weather-ometer	Fed-Std-191 Method 5804 except with filters removed.	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Tensile, psi</td> <td style="text-align: center;">Elongation, %</td> </tr> <tr> <td style="text-align: center;">Unexposed 499</td> <td style="text-align: center;">145</td> </tr> <tr> <td style="text-align: center;">Full Exposure 344</td> <td style="text-align: center;">70</td> </tr> </table>	Tensile, psi	Elongation, %	Unexposed 499	145	Full Exposure 344	70
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