

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE
Density	ASTM D 792	g/cm <sup>3</sup>	0.93
Hardness	ASTM D 785	R Scale	67
Recommended Operating Temperature			
Maximum Continuous		°F(°C)	180 (82)
Tensile Properties	ASTM D 638		
Maximum Strength		psi (MPa)	5200 (36)
Yield Strength		psi (MPa)	2800 (19)
Elongation at break		%	400
Flexural modulus	ASTM D 790	psi (MPa)	90,000 (622)
Izod Impact Strength at 23 °C		ft-lbs/in <sup>2</sup> (kJ/m <sup>2</sup> )	
Notched	ASTM D 256A		No Break
Double Notched	ASTM D 4020		38 (78)
Mean coefficient of linear thermal expansion per °C	ASTM D 696		1.6 x 10 <sup>-4</sup>
Coefficient of friction against Cr-plated steel at 23°C	ASTM D 1894	°C	
Static			.15
Dynamic			.10
Abrasion Index	Sand Slurry		7.5
Surface Resistivity	ASTM D 257	ohms	>10 <sup>16</sup>
Volume Resistivity	ASTM D 257	ohms-cm	>10 <sup>16</sup>

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