

PROPERTIES	ASTM or UL TEST	TYPICAL VALUES
<b>Physical</b>		
Density, g/cm <sup>3</sup>	ASTM D792	0.930-0.940
Hardness, Rockwell R Scale	ASTM D2240	67-70
<b>Mechanical</b>		
Tensile Properties	ASTM D638	
Maximum Strength, psi (MPa)	2in./min	4,800-5,600 (33-39)
Yield Strength, psi (MPa)		2,800-3,200 (19-22)
Modulus, psi (MPa)		100,000-150,000 (689-1083)
Elongation at break, %		300-400%
Modulus of Elasticity, psi (MPa)		100,000-150,000 (689-1033)
Flexural Modulus, psi (MPa)	ASTM D790	100,000-150,000 (689-1033)
IZOD Impact Strength @ 23°C, ft-lbs <sup>2</sup> /in (KJ/m <sup>2</sup> )		
Notched	ASTM 256A	No break
<b>Temperature</b>		
Mean Coefficient of Linear Thermal Expansion Per °C	ASTM D696	
-30° to 30°C		1.8 x 10 <sup>-4</sup>
Operating Temperature		
Maximum Continuous °F (°C)		180 (82)
Minimum		-22 (-30)
Coefficient of Friction against CR-Plated Steel @ 23°C	ASTM D 1894	
Static		.20 - .25
Dynamic		.12 - .16
Abrasion Index (Relative to steel at 100)	Sand Slurry	10
<b>Electrical</b>		
Surface Resistivity, ohms	ASTM D257	105 to 107
Volume Resistivity, ohms-cm	ASTM D257	105 to 107

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