

PROPERTY	TYPICAL VALUES	ASTM or UL TEST
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PHYSICAL		
DENSITY, g/cm <sup>3</sup>	0.930	ASTM D 792
HARDNESS, ROCKWELL R SCALE	67	ASTM D 785
ABRASION INDEX (Relative to steel at 100)	7.5	Sand Slurry

MECHANICAL		
TENSILE PROPERTIES		ASTM D 638
MAXIMUM STRENGTH, psi	5,200	
MPa	36	
YIELD STRENGTH, psi	2,800	
MPa	19	
ELONGATION AT BREAK, %	400	
FLEXURAL MODULUS, psi	90,000	ASTM D 790
MPa	622	
IZOD IMPACT STRENGTH AT 23°C, ft-lbs/in <sup>2</sup> (KJ/m <sup>2</sup> )		
NOTCHED	No Break	ASTM D 256A
DOUBLE NOTCHED	38 (78)	Internal
CO-EFFICIENT OF FRICTION AGAINST CR-PLATED STEEL AT 23°C		ASTM D 1894
STATIC	.12	
DYNAMIC	.10	

ELECTRICAL		
SURFACE RESISTIVITY, ohms	>10 <sup>16</sup>	ASTM D 257
VOLUME RESISTIVITY, ohms-cm	>10 <sup>16</sup>	ASTM D 257

TEMPERATURE		
MEAN CO-EFFICIENT OF LINEAR THERMAL EXPANSION PER °C	1.6 x 10 <sup>-4</sup>	ASTM D 696
OPERATING TEMPERATURE		
MAXIMUM CONTINUOUS °F (°C)	180 (82)	

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