



PROPERTY	TYPICAL VALUES	ASTM or UL TEST
PHYSICAL		
DENSITY, in ³ /lb	25.7 - 26	ASTM D 792
HARDNESS, ROCKWELL R SCALE	64 - 68	ASTM D 785
DUROMETER (D/15)	68 - 72	ASTM D 2240
OPERATING TEMPERATURE RANGE		Internal
MAXIMUM CONTINUOUS, (°C)	82	
MINIMUM CONTINUOUS, (°C)	-30	
MECHANICAL		
TENSILE PROPERTIES		ASTM D 638
MAXIMUM STRENGTH,		2 in./min
MPa	24 - 36	
YIELD STRENGTH,		
MPa	17 - 21	
MODULUS,		
MPa	689-1083	
ELONGATION AT BREAK, %	200 - 400	
FLEXURAL MODULUS,		ASTM D 790
MPa	689-1083	
IZOD IMPACT STRENGTH AT 23°C, KJ/m ²		
NOTCHED	No break	ASTM D 256A
MEAN CO-EFFICIENT OF LINEAR THERMAL EXPANSION PER °C	2 x 10 ⁻⁴	ASTM D 696
CO-EFFICIENT OF FRICTION AGAINST CR-PLATED STEEL AT 23°C		ASTM D 1894
STATIC	.20 - .30	
DYNAMIC	.14 - .18	
ABRASION INDEX (RELATIVE TO STEEL AT 100)	9 - 11	Sand Slurry

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