



RAMEX RP - REPROCESSED

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PHYSICAL PROPERTIES	TYPICAL VALUES	TEST METHODS
Density, g/cm ³	0.930 - 0.940	ASTM D 792
Hardness, Rockwell R Scale	64 - 68	ASTM D 785
Durometer (D/15)	68 - 72	ASTM D 2240
Operating Temperature		
Maximum Continuous, °F (°C)	180 (82)	
Maximum Continuous, °F (°C)	-22 (-30)	
Tensile properties		ASTM D 638
Maximum strength, psi	3,500 - 5,200	2 in./min
MPa	24 - 36	
Yield Strength, psi	2,500 - 3,100	
MPa	17 - 21	
Modulus, psi	100,000 - 150,000	
MPa	689-1083	
Elongation at break, %	200 - 400	
Flexural Modulus, psi	100,000 - 150,000	ASTM D 790
MPa	689-1083	
Izod impact strength at 23° C, ft-lbs/in. (J/M)		
Notched	No break	ASTM D 256A
Mean coefficient of linear thermal expansion per ° C	2 x 10 ⁻⁴	ASTM D 696
Coefficient 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