



ATREX™ INJECTION MOLDED PEEK®

AAA Plastics Inc. is delighted to introduce its ATREX™ line of injection molded PEEK stock shapes. Atrex™ PEEK offers superior chemical resistance, excellent wear and abrasion resistance, and mechanical stability in temperatures up to 480 degrees F continuous operation. ATREX™ is available in both virgin (ATREX™ 500) and 30% glass filled (ATREX™ 550). Tube sizes from 1-1/8"OD x 5/8" ID to 10-1/2" OD x 9-1/2" ID, and rod sizes from 3/8" diameter to 3/4" diameter, are available for immediate delivery. When feasible, we will produce additional tooling to meet your specific requirements.

Properties	Unit	Method	ATREX™ 500	ATREX™ 550
Tensile Strength	PSI	D-638	14,500	23,500
Flexural Strength	PSI	D-790	24,500	36,200
Flexural Modulus	PSI	D-790	590,000	1,450,000
Elongation	%	D-638	30 min	2.2 min.
Compressive Strength	PSI	D-695	17,000	31,000
Shear Strength	PSI	D-732	7,500	13,000
Shore D Hardness		D-2240	87	91
Specific Gravity		D-792	1.3	1.4 MIN.

OTHER COMPOUNDS AVAILABLE ON REQUEST

NOTE: THE PROPERTIES REPORTED HEREIN ARE TYPICAL OF THE PRODUCT AND ARE TO BE USED AS A GUIDE ONLY. ACTUAL SERVICE CONDITIONS VARY AND MAY AFFECT ACTUAL PROPERTIES.

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