



Pektron 2030

Injection Molded 30% Carbon Filled PEEK

Properties	Test Method	Units	Typical Properties
Specific Gravity	ASTM D792		1.41
Tensile Strength @ yield, 73°F	ASTM D638-02	psi	19,000
Elongation	ASTM D638-02	%	5
Shear Strength	ASTM D732-99	psi	mia
Flexural Strength	ASTM D790	psi	28,000
Flexural Modulus	ASTM D790	psi	1,000,000
Compressive Strength	ASTM D695	psi	24,000
Rockwell Hardness	ASTM D785	M scale	107
Deflection Temperature @ 264 psi, ¼"	ASTM D648	°F	600
Coefficient of Thermal Expansion (Linear)	ASTM D696	in/in/°F	0.8 x 10 ⁻⁵