

MATERIAL DATA SHEET

05-146

05-146 is a proprietary, injection-molded PEEK alloy developed for higher temperature or poorly lubricated service. It can be run non-lubricated under the right conditions. For use primarily in packing rings and bushings because of size limitations.

Properties	Value		ASTM Method
Tensile Strength	6,700 psi	46.2 MPa	D638
Flexural Strength	16,500 psi	114 MPa	D790
CTE	$1.5 \times 10^{-5}/^{\circ}\text{F}$	$2.7 \times 10^{-5}/^{\circ}\text{C}$	D696
Density	0.054 lb/in ³	1.5 g/cm ³	D792