

# MATERIAL DATA SHEET

## 05-162

05-162 is an injection molded PEEK alloy developed for extreme service in lubricated compressors. It provides high strength and abrasion resistance. For use primarily in packing rings and bushings because of size limitations.

Properties	Value		ASTM Method
<b>Tensile Strength</b>	19,700 psi	136 MPa	D638
<b>Flexural Strength</b>	32,200 psi	221 MPa	D790
<b>Elongation</b>	2.2%		D638
<b>CTE</b>	$2.2 \times 10^{-5}/^{\circ}\text{F}$	$4.0 \times 10^{-5}/^{\circ}\text{C}$	D696
<b>Density</b>	0.048 lb/in <sup>3</sup>	1.3 g/cm <sup>3</sup>	D792