

Ensinger Tecapeek® XP-96BHT Compression Molded PEEK HT, Unfilled, Black Pigmented

Category : Polymer , Thermoplastic , Polyketone , Polyetheretherketone (PEEK) , Polyetheretherketone, PEEK, Unreinforced

Material Notes:

Ensinger Special Polymers offers over twenty different VICTREX® PEEK blends to choose from and has the capability to blend custom compounds for specific applications. Compression molding results in lower amounts of scrap, uniform physical properties and fewer molded-in stresses. TECAPEEK is a high-performance engineering thermoplastic. This semi-crystalline material has a balance of high temperature mechanical properties, chemical and steam resistance, superior wear properties and processability which makes it unique. Applications Include: Bearings and Bushings Down-hole instrumentation Wear Rings Ball Valve Seats Electrical Components Back-up and V-Rings Piston Rings and Rider Bands Information provided by Ensinger Special Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ensinger-Tecapeek-XP-96BHT-Compression-Molded-PEEK-HT-Unfilled-Black-Pigmented.php

Physical Properties	Metric	English	Comments
Density	1.32 g/cc	0.0477 lb/in ³	ASTM D792
Filler Content	0.00 %	0.00 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength	97.2 MPa	14100 psi	ASTM D638
Elongation at Break	2.8 %	2.8 %	ASTM D638
	3.0 %	3.0 %	Flexural Strain; ASTM D790
Tensile Modulus	5.86 GPa	850 ksi	ASTM D638
Flexural Strength	149 MPa	21600 psi	ASTM D790
Flexural Modulus	5.03 GPa	730 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	374 °C	705 °F	DSC

Descriptive Properties	Value	Comments
Color	Black	

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