

## Ensinger Tecapeek® XP-112 Compression Molded PEEK Compound, 20% Carbon Fiber

Category : Polymer , Thermoplastic , Polyketone , Polyetheretherketone (PEEK) , Polyetheretherketone, PEEK, Carbon Fiber Filled

### 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-112-Compression-Molded-PEEK-Compound-20-Carbon-Fiber.php](http://www.lookpolymers.com/polymer_Ensinger-Tecapeek-XP-112-Compression-Molded-PEEK-Compound-20-Carbon-Fiber.php)

Physical Properties	Metric	English	Comments
Density	1.39 g/cc	0.0502 lb/in³	ASTM D792
Filler Content	20 %	20 %	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	90	90	ASTM D2240
Tensile Strength	118 MPa	17100 psi	ASTM D638
Elongation at Break	1.7 %	1.7 %	ASTM D638
Flexural Strength	165 MPa	24000 psi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	343 °C	649 °F	DSC

Descriptive Properties	Value	Comments
Color	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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