

Ensinger Tecatron® XP-65 Compression Molded PPS Compound, 30% Fiberglass with 15% PTFE

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS) , Polyphenylene Sulfide (PPS), PTFE/Glass-Fiber Filled

Material Notes:

Ensinger Special Polymers has over twenty different grades of TECATRON PPS available. Custom formulations can be blended to suit specific applications. Compression molding is amenable to short run production and yields products which are homogenous with low process stress. TECATRON PPS is a highly crystalline high-temperature thermoplastic with an excellent balance of cost, temperature resistance, strength, chemical resistance and flame retardance. TECATRON PPS is often used when long-term high-temperature performance and dimensional stability are a must, even in the presence of aggressive chemicals. Applications: Fuel

Injectors Manifolds Pumps Pistons Gears V-Packing Gaskets Bearings Information provided by Ensinger Special Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ensinger-Tecatron-XP-65-Compression-Molded-PPS-Compound-30-Fiberglass-with-15-PTFE.php

Physical Properties	Metric	English	Comments
Density	1.70 g/cc	0.0614 lb/in ³	ASTM D792
Filler Content	45 %	45 %	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	83	83	ASTM D2240
Tensile Strength	26.2 MPa	3800 psi	ASTM D638
Elongation at Break	0.80 %	0.80 %	ASTM D638
Flexural Strength	45.5 MPa	6600 psi	ASTM D790
Flexural Modulus	4.90 GPa	710 ksi	ASTM D790
Compressive Strength	92.4 MPa	13400 psi	ASTM D695

Descriptive Properties	Value	Comments
Color	Dark Brown	

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