

Ensinger Tecatron® XP-170 Compression Molded PPS Compound, EWS Filled

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

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-170-Compression-Molded-PPS-Compound-EWS-Filled.php

Physical Properties	Metric	English	Comments
Density	1.60 g/cc	0.0578 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Elongation at Break	3.1 %	3.1 %	Flexural Strain; ASTM D790
Flexural Strength	124 MPa	18000 psi	ASTM D790
Flexural Modulus	4.62 GPa	670 ksi	ASTM D790

Descriptive Properties	Value	Comments
Color	Black	

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