

## Ensinger Tecatron® XP-72 Compression Molded PPS Compound, 20% PTFE Filled Natural

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS) , Polyphenylene Sulfide (PPS) with PTFE Filler

### 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-72-Compression-Molded-PPS-Compound-20-PTFE-Filled-Natural.php](http://www.lookpolymers.com/polymer_Ensinger-Tecatron-XP-72-Compression-Molded-PPS-Compound-20-PTFE-Filled-Natural.php)

Physical Properties	Metric	English	Comments
Filler Content	64 %	64 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength	14.5 MPa	2100 psi	ASTM D638
Elongation at Break	1.3 %	1.3 %	ASTM D638
Tensile Modulus	2.83 GPa	410 ksi	ASTM D638
Flexural Strength	24.1 MPa	3500 psi	ASTM D790
Flexural Modulus	1.79 GPa	260 ksi	ASTM D790
Compressive Strength	24.1 MPa	3500 psi	ASTM D695
Izod Impact, Notched	0.336 J/cm	0.630 ft-lb/in	ASTM D256

Descriptive Properties	Value	Comments
Color	Dark Brown	

## Contact Songhan Plastic Technology Co.,Ltd.

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