

## Ensinger Tecatron® XP-76 Compression Molded PPS Compound, 55% PTFE Filled Seal Material

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-76-Compression-Molded-PPS-Compound-55-PTFE-Filled-Seal-Material.php](http://www.lookpolymers.com/polymer_Ensinger-Tecatron-XP-76-Compression-Molded-PPS-Compound-55-PTFE-Filled-Seal-Material.php)

Physical Properties	Metric	English	Comments
Density	1.88 g/cc	0.0679 lb/in <sup>3</sup>	ASTM D792
Filler Content	55 %	55 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength	13.8 MPa	2000 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
	3.3 %	3.3 %	Flexural Strain; ASTM D790
Tensile Modulus	2.55 GPa	370 ksi	ASTM D638
Flexural Strength	29.0 MPa	4200 psi	ASTM D790
Flexural Modulus	3.03 GPa	440 ksi	ASTM D790

Descriptive Properties	Value	Comments
Color	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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