

## Ensinger Tecatron® XP-78 Compression Molded PPS Compound, 47% 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-78-Compression-Molded-PPS-Compound-47-PTFE-Filled-Seal-Material.php](http://www.lookpolymers.com/polymer_Ensinger-Tecatron-XP-78-Compression-Molded-PPS-Compound-47-PTFE-Filled-Seal-Material.php)

Physical Properties	Metric	English	Comments
Density	1.74 g/cc	0.0629 lb/in³	ASTM D792
Filler Content	47 %	47 %	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	73	73	ASTM D2240
Tensile Strength	18.6 MPa	2700 psi	ASTM D638
Elongation at Break	1.3 %	1.3 %	Flexural Strain; ASTM D790
	1.6 %	1.6 %	ASTM D638
Tensile Modulus	3.72 GPa	540 ksi	ASTM D638
Flexural Strength	33.8 MPa	4900 psi	ASTM D790
Flexural Modulus	3.52 GPa	510 ksi	ASTM D790

Descriptive Properties	Value	Comments
Color	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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