

Ensinger XP-46 Compression Molded Unfilled PCTFE

Category : Polymer , Thermoplastic , Fluoropolymer , Polychlorotrifluoroethylene (PCTFE); Molded

Material Notes:

PCTFE is a high performance crystalline polymer with excellent chemical resistance. Because of its low moisture absorption, PCTFE can operate in a continuous service temperature of -250°F to 300°F. Typical Applications: Bearings and Bushings Ball Valve Seats Semiconductor Processing Equipment Gears Tanks Electrical Components Pump Parts Hydraulic Components Gaskets Circuit Boards Information provided by Ensinger Special Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ensinger-XP-46-Compression-Molded-Unfilled-PCTFE.php

Physical Properties	Metric	English	Comments
Density	2.14 g/cc	0.0773 lb/in ³	ASTM D792
Filler Content	0.00 %	0.00 %	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	76	76	ASTM D2240
Tensile Strength	42.1 MPa	6100 psi	ASTM D638
Elongation at Break	37 %	37 %	ASTM D638
Flexural Strength	82.7 MPa	12000 psi	ASTM D790
Izod Impact, Notched	0.758 J/cm	1.42 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	149 °C	300 °F	Continuous
Minimum Service Temperature, Air	-157 °C	-250 °F	Continuous

Descriptive Properties	Value	Comments
Color	White	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China