

Ensinger XP- 130 Compression Molded PI Compound, 30% PTFE Filled

Category : Polymer , Thermoplastic , Polyimide, Thermoplastic , Thermoplastic Polyimide, Molded, PTFE Filled

Material Notes:

The XP- 130 is an amorphous high performance thermoplastic with high permanent temperature and creep resistance as well as excellent bearing and wear properties, excellent long term thermal stability and creep resistance. The XP 130 Series of Polyimide is a non-melting high temperature thermoplastic with high strength over a wide range of temperatures, good long term thermal stability, minimal thermal expansion and excellent wear resistance along with good chemical resistance. Applications: Thermal & electrical insulators Switch Parts Vacuum Seals Plug Parts Chip Carriers Hot glass gripper fingers Balls for control valves Housing Parts Welding Equipment Information provided by Ensinger Special Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ensinger-XP-130-Compression-Molded-PI-Compound-30-PTFE-Filled.php

Physical Properties	Metric	English	Comments
Density	1.51 g/cc	0.0546 lb/in ³	ASTM D792
Filler Content	30 %	30 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength	14.5 MPa	2100 psi	ASTM D638
Elongation at Break	0.90 %	0.90 %	ASTM D638
Flexural Strength	24.8 MPa	3600 psi	ASTM D790
Flexural Modulus	2.76 GPa	400 ksi	ASTM D790

Descriptive Properties	Value	Comments
Color	Dark Brown	

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