

PolyOne Lubri-Tech™ PK-000/15T Polyetheretherketone - 15% PTFE Lubricated (discontinued **)

Category : Polymer , Thermoplastic , Polyketone , Polyetheretherketone (PEEK) , Polyetheretherketone, PEEK, PTFE-Filled

Material Notes:

Data provided by PolyOne.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Lubri-Tech-PK-00015T-Polyetheretherketone-15-PTFE-Lubricated-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.38 g/cc	0.0499 lb/in ³	ASTM D792
Water Absorption	0.20 %	0.20 %	24 hrs. ASTM D570
Linear Mold Shrinkage	0.0060 - 0.0080 cm/cm @Thickness 3.17 mm	0.0060 - 0.0080 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	90.0 MPa	13100 psi	ASTM D638
Elongation at Break	1.0 - 3.0 %	1.0 - 3.0 %	ASTM D638
Tensile Modulus	4.50 GPa	653 ksi	ASTM D638
Flexural Yield Strength	103 MPa	14900 psi	ASTM D790
Flexural Modulus	4.50 GPa	653 ksi	ASTM D790
Izod Impact, Notched	0.530 - 0.690 J/cm @Thickness 6.35 mm	0.993 - 1.29 ft-lb/in @Thickness 0.250 in	ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	371 - 399 °C	700 - 750 °F	Stock
Mold Temperature	149 °C	300 °F	
Drying Temperature	149 °C	300 °F	

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