

PolyOne Lubri-Tech™ MP-000/15T Modified PPO - 15% PTFE (discontinued **)

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polyphenylene Ether, PTFE Filled

Material Notes:

Data provided by PolyOne.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Lubri-Tech-MP-00015T-Modified-PPO-15-PTFE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 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	50.0 MPa	7250 psi	ASTM D638
Elongation at Break	1.0 - 5.0 %	1.0 - 5.0 %	ASTM D638
Tensile Modulus	2.40 GPa	348 ksi	ASTM D638
Flexural Yield Strength	69.0 MPa	10000 psi	ASTM D790
Flexural Modulus	2.41 GPa	350 ksi	ASTM D790
Izod Impact, Notched	0.640 - 1.01 J/cm @Thickness 6.35 mm	1.20 - 1.89 ft-lb/in @Thickness 0.250 in	ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	288 - 316 °C	550 - 601 °F	Stock
Mold Temperature	121 °C	250 °F	
Drying Temperature	121 °C	250 °F	

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