

PolyOne Lubri-Tech™ MP-000/10T Modified PPO - 10% 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-00010T-Modified-PPO-10-PTFE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.11 g/cc	0.0401 lb/in ³	ASTM D792
Water Absorption	0.20 %	0.20 %	24 hrs. ASTM D570
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm @Thickness 3.17 mm	0.0040 - 0.0060 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	52.0 MPa	7540 psi	ASTM D638
Elongation at Break	2.0 - 5.0 %	2.0 - 5.0 %	ASTM D638
Tensile Modulus	2.60 GPa	377 ksi	ASTM D638
Flexural Yield Strength	79.0 MPa	11500 psi	ASTM D790
Flexural Modulus	2.59 GPa	376 ksi	ASTM D790
Izod Impact, Notched	0.590 - 0.960 J/cm @Thickness 6.35 mm	1.11 - 1.80 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	107 - 121 °C	225 - 250 °F	
Drying Temperature	121 °C	250 °F	

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