

PolyOne Lubri-Tech™ PS-000/15T-2S Polyester (PBT) - 15% PTFE Lubricated - 2% Silicone Lubricated (discontinue

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), PTFE Filled

Material Notes:

Data provided by PolyOne.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Lubri-Tech-PS-00015T-2S-Polyester-PBT-15-PTFE-Lubricated-2-Silicone-Lubricated-nbspdiscontinue.php

Physical Properties	Metric	English	Comments
Density	1.39 g/cc	0.0502 lb/in ³	ASTM D792
Water Absorption	0.060 %	0.060 %	24 hrs. ASTM D570
Linear Mold Shrinkage	0.022 cm/cm @Thickness 3.17 mm	0.022 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	47.0 MPa	6820 psi	ASTM D638
Flexural Modulus	1.93 GPa	280 ksi	ASTM D790
Izod Impact, Notched	0.480 J/cm @Thickness 6.35 mm	0.899 ft-lb/in @Thickness 0.250 in	ASTM D256

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1.00e+16 ohm-cm	1.00e+16 ohm-cm	ASTM D257

Processing Properties	Metric	English	Comments
Melt Temperature	238 - 260 °C	460 - 500 °F	Stock
Mold Temperature	49.0 - 93.0 °C	120 - 199 °F	
Drying Temperature	82.0 - 93.0 °C	180 - 199 °F	

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