

## PolyOne Lubri-Tech™ PI-000/15T Polyetherimide (PEI), PTFE Lubricated (discontinued \*\*)

Category : Polymer , Thermoplastic , Polyetherimide (PEI)

### Material Notes:

Description/Features:PTFE LubricatedPolyOne First ChoiceInformation provided by PolyOne Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Lubri-Tech-PI-00015T-Polyetherimide-PEI-PTFE-Lubricated-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_PolyOne-Lubri-Tech-PI-00015T-Polyetherimide-PEI-PTFE-Lubricated-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.354 g/cc	1.354 g/cc	ASTM D792
Water Absorption	0.20 %	0.20 %	24 hr. Immersion; ASTM D570
Linear Mold Shrinkage	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	ASTM D955
Melt Flow	113 g/10 min @Load 2.16 kg, Temperature 190 °C	113 g/10 min @Load 4.76 lb, Temperature 374 °F	Procedure A - Manual Operation; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	82.7 MPa	12000 psi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Elongation at Break	5.0 %	5.0 %	Type 1 - Rigids, 0.2 in/min; ASTM D638
Tensile Modulus	2.41 GPa	350 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	110 MPa	16000 psi	ASTM D790
Flexural Modulus	2.41 GPa	350 ksi	ASTM D790
Izod Impact, Notched	1.07 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	2.00 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	182 °C	360 °F	Annealed, 0.125 in bars; ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	316 - 371 °C	600 - 700 °F	Molding
Mold Temperature	121 - 177 °C	250 - 350 °F	

Drying Temperature Processing Properties	149 °C Metric	300 °F English	Comments
Dry Time	2 hour	2 hour	

Descriptive Properties	Value	Comments
Product Form	Pellets	

## Contact Songhan Plastic Technology Co.,Ltd.

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