

PolyOne Lubri-Tech™ PS-15GB/15T Polybutylene Terephthalate (PBT), Glass Bead Filled, PTFE Lubricated (discont

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

Material Notes:

Description/Features:Glass Bead FilledPTFE LubricatedPolyOne First ChoiceInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Lubri-Tech-PS-15GB15T-Polybutylene-Terephthalate-PBT-Glass-Bead-Filled-PTFE-Lubricated-nbspdiscont.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.50 g/cc	1.50 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	41.4 MPa	6000 psi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Elongation at Break	3.0 %	3.0 %	Type 1 - Rigids, 0.2 in/min; ASTM D638
Tensile Modulus	2.83 GPa	410 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	77.2 MPa	11200 psi	ASTM D790
Flexural Modulus	2.83 GPa	410 ksi	ASTM D790
Izod Impact, Notched	0.347 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	0.650 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

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

Processing Properties	Metric	English	Comments
Melt Temperature	238 - 266 °C	460 - 510 °F	Molding
Mold Temperature	54.4 - 93.3 °C	130 - 200 °F	
Drying Temperature	104 °C	220 °F	
Dry Time	2 hour	2 hour	

Descriptive Properties	Value	Comments
Product Form	Pellets	

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