

PolyOne Lubri-Tech™ PS-15GB/10T 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-15GB10T-Polybutylene-Terephthalate-PBT-Glass-Bead-Filled-PTFE-Lubricated-nbspdiscont.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.485 g/cc	1.485 g/cc	ASTM D792
Water Absorption	0.050 %	0.050 %	24 hr. Immersion; ASTM D570
Linear Mold Shrinkage	0.018 - 0.020 cm/cm	0.018 - 0.020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	46.2 MPa	6700 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	3.10 GPa	450 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	55.2 MPa	8000 psi	ASTM D790
Flexural Modulus	3.10 GPa	450 ksi	ASTM D790
Izod Impact, Notched	0.801 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	1.50 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)	196 °C	385 °F	Annealed, 0.125 in bars; ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	249 - 271 °C	480 - 520 °F	Molding
Mold Temperature	93.3 - 107 °C	200 - 225 °F	
Drying Temperature	93.3 - 107 °C	200 - 225 °F	
Dry Time	2 hour	2 hour	

Descriptive Properties	Value	Comments
Product Form	Pellets	

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