

Oxford Polymers 25GB-5GF-IM Polybutylene Terephthalate (PBT), Impact Modified/ Glass Beads

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

Material Notes:

Polybutylene Terephthalate (PBT), Impact Modified/ Glass Beads Information provided by Oxford Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Oxford-Polymers-25GB-5GF-IM-Polybutylene-Terephthalate-PBT-Impact-Modified-Glass-Beads.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.50 g/cc	1.50 g/cc	ASTM D792
Water Absorption	0.060 %	0.060 %	ASTM D570
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	48.3 MPa	7000 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Modulus	3.59 GPa	520 ksi	ASTM D790
Izod Impact, Notched	0.507 J/cm @Temperature 23.0 °C	0.950 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	62.8 °C	145 °F	ASTM D648

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