

Oxford Polymers PBT 15GF-V0 UL Listed Polybutylene Terephthalate (PBT)

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

Material Notes:

UL Listed Polybutylene Terephthalate (PBT) Information provided by Oxford Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Oxford-Polymers-PBT-15GF-V0-UL-Listed-Polybutylene-Terephthalate-PBT.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.41 g/cc	1.41 g/cc	ASTM D792
Water Absorption	0.060 %	0.060 %	ASTM D570
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	100 MPa	14500 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Modulus	4.65 GPa	675 ksi	ASTM D790
Izod Impact, Notched	0.587 J/cm @Temperature 23.0 °C	1.10 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	188 °C	370 °F	ASTM D648

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