

PTS PBT-30GF 30% Glass Fiber Reinforced PBT

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), 30% Glass Fiber Filled

Material Notes:

Information provided by Polymer Technology and Services, LLC (PTS).

Order this product through the following link:

http://www.lookpolymers.com/polymer_PTS-PBT-30GF-30-Glass-Fiber-Reinforced-PBT.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	118	118	ASTM D785
Tensile Strength, Ultimate	110.3 MPa	16000 psi	ASTM D638
Flexural Yield Strength	186.2 MPa	27010 psi	ASTM D790
Flexural Modulus	7.58 GPa	1100 ksi	ASTM D790
Izod Impact, Notched	0.800 J/cm @Thickness 3.17 mm	1.50 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	204 °C	399 °F	ASTM D648
Flammability, UL94	HB @Thickness 1.59 mm	HB @Thickness 0.0625 in	

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