

Cheng Yu Plastic T882GV1 Flame Retardant PBT, 10% Glass Fiber

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), 10% Glass Fiber Filled

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-T882GV1-Flame-Retardant-PBT-10-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	ASTM D792
Linear Mold Shrinkage	0.0050 - 0.020 cm/cm	0.0050 - 0.020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	94	94	ASTM D785
Tensile Strength, Yield	78.5 MPa	11400 psi	ASTM D638
Flexural Yield Strength	127 MPa	18500 psi	ASTM D790
Izod Impact, Notched	0.588 J/cm	1.10 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	223 °C	433 °F	ASTM D648
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.3 @Frequency 60 Hz	3.3 @Frequency 60 Hz	ASTM D150

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