

Cheng Yu Plastic T889G25 PBT, 25% Glass Fiber

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

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-T889G25-PBT-25-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 - 0.018 cm/cm	0.0050 - 0.018 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	94	94	ASTM D785
Tensile Strength, Yield	111 MPa	16100 psi	ASTM D638
Flexural Yield Strength	181 MPa	26300 psi	ASTM D790
Izod Impact, Notched	1.08 J/cm	2.02 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	227 °C	441 °F	ASTM D648
Flammability, UL94	HB	HB	

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.6 @Frequency 60 Hz	3.6 @Frequency 60 Hz	ASTM D150

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