Cheng Yu Plastic E2320 Flame Retardant PET, 20% Glass Fiber

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET) , Polyethylene Terephthalate (PET), 20% Glass Reinforced

Material Notes:

Order this product through the following link:
http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-E2320-Flame-Retardant-PET-20-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.58 g/cc	1.58 g/cc	ASTM D792
Linear Mold Shrinkage	0.0025 - 0.011 cm/cm	0.0025 - 0.011 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	120	120	ASTM D785
Tensile Strength, Yield	1.24 MPa	179 psi	ASTM D638
Flexural Yield Strength	178 MPa	25900 psi	ASTM D790
Izod Impact, Notched	0.863 J/cm	1.62 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	240 °C	464 °F	ASTM D648
Flammability, UL94	V-0	V-0	

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