

Cheng Yu Plastic E2345 Flame Retardant PET, 45% Glass Fiber

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET) , Polyethylene Terephthalate (PET), 50% Glass Reinforced

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-E2345-Flame-Retardant-PET-45-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.80 g/cc	1.80 g/cc	ASTM D792
Linear Mold Shrinkage	0.0020 - 0.0060 cm/cm	0.0020 - 0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	125	125	ASTM D785
Tensile Strength, Yield	0.866 MPa	126 psi	ASTM D638
Flexural Yield Strength	177 MPa	25600 psi	ASTM D790
Izod Impact, Notched	0.961 J/cm	1.80 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	247 °C	477 °F	ASTM D648
Flammability, UL94	V-0	V-0	

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