

Cheng Yu Plastic PP237G2 Polypropylene, 20% Glass Fiber

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Glass Fiber Filler

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-PP237G2-Polypropylene-20-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D792
Linear Mold Shrinkage	0.015 - 0.020 cm/cm	0.015 - 0.020 in/in	ASTM D955
Melt Index of Compound	10 - 15 g/10 min	10 - 15 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	105	105	ASTM D785
Tensile Strength, Yield	53.9 MPa	7820 psi	ASTM D638
Flexural Yield Strength	108 MPa	15600 psi	ASTM D790
Izod Impact, Notched	0.608 J/cm	1.14 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	138 °C	280 °F	ASTM D648
Flammability, UL94	HB	HB	

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