

Cheng Yu Plastic PP236G1 Polypropylene, 10% Glass Fiber

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Glass Fiber Filler

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-PP236G1-Polypropylene-10-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.15 g/cc	1.15 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	47.1 MPa	6830 psi	ASTM D638
Flexural Yield Strength	88.3 MPa	12800 psi	ASTM D790
Izod Impact, Notched	0.510 J/cm	0.955 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	135 °C	275 °F	ASTM D648
Flammability, UL94	HB	HB	

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