

Cheng Yu Plastic NG1150S Nylon 66, 15% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 20% Glass Fiber Filled

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-NG1150S-Nylon-66-15-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.25 g/cc	1.25 g/cc	ASTM D792
Water Absorption	1.0 - 2.0 %	1.0 - 2.0 %	ASTM D570
Linear Mold Shrinkage	0.0020 - 0.020 cm/cm	0.0020 - 0.020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	95	95	ASTM D785
Tensile Strength, Yield	103 MPa	14900 psi	ASTM D638
Flexural Yield Strength	137 MPa	19900 psi	ASTM D790
Izod Impact, Notched	0.765 J/cm	1.43 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	245 °C	473 °F	ASTM D648
Flammability, UL94	HB	HB	

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