

Cheng Yu Plastic FR200GV10 Flame Retardant Nylon 66, 10% Glass Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Glass Fiber Filled, Flame Retardant

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-FR200GV10-Flame-Retardant-Nylon-66-10-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.15 g/cc	1.15 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	98.1 MPa	14200 psi	ASTM D638
Flexural Yield Strength	132 MPa	19200 psi	ASTM D790
Izod Impact, Notched	0.735 J/cm	1.38 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	V-0	V-0	

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