

Cheng Yu Plastic N6GV15 Flame Retardant Nylon 6, 15% Glass Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 20% Glass Fiber Filled

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-N6GV15-Flame-Retardant-Nylon-6-15-Glass-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.15 g/cc	1.15 g/cc	ASTM D792
Water Absorption	0.15 %	0.15 %	ASTM D570
Linear Mold Shrinkage	0.0080 - 0.015 cm/cm	0.0080 - 0.015 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	94	94	ASTM D785
Tensile Strength, Yield	129 MPa	18800 psi	ASTM D638
Flexural Yield Strength	216 MPa	31300 psi	ASTM D790
Izod Impact, Notched	0.873 J/cm	1.63 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	224 °C	435 °F	ASTM D648
Flammability, UL94	V-0	V-0	

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