

Cheng Yu Plastic N6GV20 Flame Retardant Nylon 6, 20% 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-N6GV20-Flame-Retardant-Nylon-6-20-Glass-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 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	142 MPa	20600 psi	ASTM D638
Flexural Yield Strength	230 MPa	33400 psi	ASTM D790
Izod Impact, Notched	0.902 J/cm	1.69 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	228 °C	442 °F	ASTM D648
Flammability, UL94	V-0	V-0	

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