

Cheng Yu Plastic FRCV100 Flame Retardant Nylon 66, 10% Mineral Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 10% Mineral Filled

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-FRCV100-Flame-Retardant-Nylon-66-10-Mineral-Reinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 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	90	90	ASTM D785
Tensile Strength, Yield	78.5 MPa	11400 psi	ASTM D638
Flexural Yield Strength	118 MPa	17100 psi	ASTM D790
Izod Impact, Notched	0.441 J/cm	0.827 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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