

Cheng Yu Plastic FV30730 POM, 30% Mineral Reinforced

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Mineral Filled

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-FV30730-POM-30-Mineral-Reinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	ASTM D792
Linear Mold Shrinkage	0.0050 - 0.015 cm/cm	0.0050 - 0.015 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	83	83	ASTM D785
Tensile Strength, Yield	47.1 MPa	6830 psi	ASTM D638
Flexural Yield Strength	181 MPa	26300 psi	ASTM D790
Izod Impact, Notched	0.353 J/cm	0.661 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	164 °C	327 °F	ASTM D648
Flammability, UL94	HB	HB	

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