

Cheng Yu Plastic FV3050 Polyformaldehyde

Category : Polymer , Thermoplastic , Acetal (POM)

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-FV3050-Polyformaldehyde.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.41 g/cc	1.41 g/cc	ASTM D792
Linear Mold Shrinkage	0.015 - 0.020 cm/cm	0.015 - 0.020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	80	80	ASTM D785
Tensile Strength, Yield	59.8 MPa	8680 psi	ASTM D638
Flexural Yield Strength	90.2 MPa	13100 psi	ASTM D790
Izod Impact, Notched	0.686 J/cm	1.29 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	120 °C	248 °F	ASTM D648
Flammability, UL94	HB	HB	

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