

Kolon KOCETAL® GF702 G/F Reinforced Acetal Resin

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, 10% Glass Fiber Reinforced

Material Notes:

Glass fiber reinforced, improved stiffness. Applications: Products for high stiffness, improved fatigue properties. Information provided by API-Kolon.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kolon-KOCETAL-GF702-GF-Reinforced-Acetal-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.48 g/cc	1.48 g/cc	ASTM D792
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	ASTM D955
Melt Flow	15 - 20 g/10 min	15 - 20 g/10 min	ASTM D1238
Ash	8.0 - 12 %	8.0 - 12 %	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	85	85	ASTM D785
Tensile Strength	74.0 MPa	10700 psi	ASTM D638
Elongation at Break	6.0 %	6.0 %	ASTM D638
Flexural Strength	118 MPa	17100 psi	ASTM D790
Flexural Modulus	4.413 GPa	640.1 ksi	ASTM D790
Izod Impact, Notched	0.290 J/cm	0.543 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	166 Â°C	331 Â°F	ASTM D1525
Deflection Temperature at 0.46 MPa (66 psi)	165 Â°C	329 Â°F	ASTM D648
Flammability, UL94	HB	HB	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+14 ohm-cm	1.00e+14 ohm-cm	ASTM D257
Surface Resistance	1.00e+16 ohm	1.00e+16 ohm	ASTM D257

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