

## Kolon KOCETAL® GF302 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-GF302-GF-Reinforced-Acetal-Resin.php](http://www.lookpolymers.com/polymer_Kolon-KOCETAL-GF302-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
Ash	8.0 - 12 %	8.0 - 12 %	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	85	85	ASTM D785
Tensile Strength	94.0 MPa	13600 psi	ASTM D638
Elongation at Break	10.3 %	10.3 %	ASTM D638
Flexural Strength	142 MPa	20600 psi	ASTM D790
Flexural Modulus	4.745 GPa	688.2 ksi	ASTM D790
Izod Impact, Notched	0.430 J/cm	0.806 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	166 Å°C	331 Å°F	ASTM D1525
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

### Contact Songhan Plastic Technology Co.,Ltd.

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