

## Kolon KOCETAL<sup>®</sup> LF302 Wear Modified Acetal Resin

Category : Polymer , Thermoplastic , Acetal (POM)

**Material Notes:**

Improved wear property and dimensional stability. Applications: Products for low noise and precision gear. Information provided by API-Kolon.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kolon-KOCETAL-LF302-Wear-Modified-Acetal-Resin.php](http://www.lookpolymers.com/polymer_Kolon-KOCETAL-LF302-Wear-Modified-Acetal-Resin.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.43 g/cc	1.43 g/cc	ASTM D792
Linear Mold Shrinkage	0.018 cm/cm	0.018 in/in	ASTM D955
Melt Flow	7.0 - 10 g/10 min	7.0 - 10 g/10 min	ASTM D1238
Ash	8.0 - 12 %	8.0 - 12 %	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	80	80	ASTM D785
Tensile Strength	50.0 MPa	7250 psi	ASTM D638
Elongation at Break	39 %	39 %	ASTM D638
Flexural Strength	83.0 MPa	12000 psi	ASTM D790
Flexural Modulus	2.158 GPa	313.0 ksi	ASTM D790
Izod Impact, Notched	0.910 J/cm	1.70 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.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China