

## Barlog Plastics KEBAFORM C 3090(K) POM Copolymer, 27% glass fiber reinforced

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, 30% Glass Fiber Reinforced

**Material Notes:**

POM-GF27 Information provided by BARLOG plastics GmbH.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Barlog-Plastics-KEBAFORM-C-3090K-POM-Copolymer-27-glass-fiber-reinforced.php](http://www.lookpolymers.com/polymer_Barlog-Plastics-KEBAFORM-C-3090K-POM-Copolymer-27-glass-fiber-reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.61 g/cc	0.0582 lb/in <sup>3</sup>	ISO 1183
Moisture Absorption at Equilibrium	0.15 %	0.15 %	similar to ISO 62 test
Melt Flow	8.5 g/10 min @Load 2.16 kg, Temperature 190 °C	8.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	130 MPa	18900 psi	ISO 527-1
Elongation at Break	1.8 %	1.8 %	ISO 527-1
Tensile Modulus	9.00 GPa	1310 ksi	ISO 527-1
Charpy Impact, Notched	0.500 J/cm <sup>2</sup>	2.38 ft-lb/in <sup>2</sup>	ISO 179-1eA

Thermal Properties	Metric	English	Comments
Melting Point	166 °C	331 °F	10°C/min; ISO 11357-1/-3
Deflection Temperature at 0.46 MPa (66 psi)	165 °C	329 °F	ISO 75-1/-2
Deflection Temperature at 1.8 MPa (264 psi)	164 °C	327 °F	ISO 75-1/-2

Descriptive Properties	Value	Comments
Resin Type	POM-GF27	

## Contact Songhan Plastic Technology Co.,Ltd.

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