

Barlog Plastics KEBAFORM C 8027 POM Copolymer, 30% mineral reinforced

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Mineral Filled

Material Notes:

POM-MD30 Information provided by BARLOG plastics GmbH.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Barlog-Plastics-KEBAFORM-C-8027-POM-Copolymer-30-mineral-reinforced.php

Physical Properties	Metric	English	Comments
Density	1.58 g/cc	0.0571 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.012 cm/cm	0.012 in/in	ISO 294-4
Linear Mold Shrinkage, Transverse	0.015 cm/cm	0.015 in/in	ISO 294-4
Melt Flow	22 g/10 min @Load 2.16 kg, Temperature 190 °C	22 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	60.0 MPa	8700 psi	ISO 527-1
Elongation at Break	11 %	11 %	ISO 527-1
Tensile Modulus	4.70 GPa	682 ksi	ISO 527-1
Charpy Impact, Notched	0.500 J/cm ²	2.38 ft-lb/in ²	ISO 179-1eA

Thermal Properties	Metric	English	Comments
Melting Point	166 °C	331 °F	10°C/min; ISO 11357-1/-3
Deflection Temperature at 1.8 MPa (264 psi)	145 °C	293 °F	ISO 75-1/-2

Descriptive Properties	Value	Comments
Resin Type	POM-MD30	

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