

Barlog Plastics KEBAFORM C 2027 POM Copolymer, 20% glass fiber reinforced

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, 20% Glass Fiber Reinforced

Material Notes:

POM-GF20 Information provided by BARLOG plastics GmbH.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Barlog-Plastics-KEBAFORM-C-2027-POM-Copolymer-20-glass-fiber-reinforced.php

Physical Properties	Metric	English	Comments
Density	1.57 g/cc	0.0567 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.010 cm/cm	0.010 in/in	ISO 294-4
Linear Mold Shrinkage, Transverse	0.016 cm/cm	0.016 in/in	ISO 294-4
Melt Flow	11 g/10 min @Load 2.16 kg, Temperature 190 °C	11 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	115 MPa	16700 psi	ISO 527-1
Elongation at Break	4.0 %	4.0 %	ISO 527-1
Tensile Modulus	7.00 GPa	1020 ksi	ISO 527-1
Charpy Impact Unnotched	3.50 J/cm ²	16.7 ft-lb/in ²	ISO 179-1eU
Charpy Impact, Notched	0.600 J/cm ²	2.86 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)	160 °C	320 °F	ISO 75-1/-2
Flammability, UL94	HB	HB	IEC 60695-11-10

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+16 ohm-cm	1.00e+16 ohm-cm	IEC 60093
Surface Resistance	1.00e+12 ohm	1.00e+12 ohm	IEC 60093

Descriptive Properties	Value	Comments
Resin Type	POM-GF20	

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