

Barlog Plastics KEBAFORM C 904 CF POM Copolymer, carbon fiber reinforced, electr. conductive

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Carbon Fiber Filled

Material Notes:

POM-CF20 Information provided by BARLOG plastics GmbH.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Barlog-Plastics-KEBAFORM-C-904-CF-POM-Copolymer-carbon-fiber-reinforced-electr-conductive.php

Physical Properties	Metric	English	Comments
Density	1.46 g/cc	0.0527 lb/in ³	ISO 1183
Melt Flow	3.5 g/10 min @Load 2.16 kg, Temperature 190 °C	3.5 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	4.5 %	4.5 %	ISO 527-1
Tensile Modulus	15.0 GPa	2180 ksi	ISO 527-1
Charpy Impact Unnotched	NB	NB	ISO 179-1eU
Charpy Impact, Notched	0.450 J/cm ²	2.14 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)	162 °C	324 °F	ISO 75-1/-2

Electrical Properties	Metric	English	Comments
Volume Resistivity	10000 ohm-cm	10000 ohm-cm	IEC 60093
Surface Resistance	100 ohm	100 ohm	IEC 60093

Descriptive Properties	Value	Comments
Resin Type	POM-CF20	

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