

Barlog Plastics KEBAFORM C 901 SO POM Copolymer unreinforced, improved wear and friction

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Unreinforced

Material Notes:

POM information provided by BARLOG plastics GmbH.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Barlog-Plastics-KEBAFORM-C-901-SO-POM-Copolymer-unreinforced-improved-wear-and-friction.php

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 lb/in ³	ISO 1183
Moisture Absorption at Equilibrium	0.20 %	0.20 %	similar to ISO 62 test
Linear Mold Shrinkage, Flow	0.020 cm/cm	0.020 in/in	ISO 294-4
Linear Mold Shrinkage, Transverse	0.020 cm/cm	0.020 in/in	ISO 294-4
Melt Flow	9.5 g/10 min @Load 2.16 kg, Temperature 190 °C	9.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	52.0 MPa	7540 psi	ISO 527-1
Elongation at Yield	8.0 %	8.0 %	ISO 527-1
Tensile Modulus	2.00 GPa	290 ksi	ISO 527-1
Charpy Impact, Notched	0.900 J/cm ²	4.28 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)	110 °C	230 °F	ISO 75-1/-2

Descriptive Properties	Value	Comments
Resin Type	POM	

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