

Barlog Plastics KEBAFORM C 906 UR POM Copolymer unreinforced, impact modified

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Impact Modified

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-906-UR-POM-Copolymer-unreinforced-impact-modified.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.016 cm/cm	0.016 in/in	ISO 294-4
Linear Mold Shrinkage, Transverse	0.016 cm/cm	0.016 in/in	ISO 294-4
Melt Flow	5.0 g/10 min @Load 2.16 kg, Temperature 190 °C	5.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	40.0 MPa	5800 psi	ISO 527-1
Elongation at Yield	20 %	20 %	ISO 527-1
Tensile Modulus	1.30 GPa	189 ksi	ISO 527-1
Charpy Impact Unnotched	NB	NB	ISO 179-1eU
Charpy Impact, Notched	2.00 J/cm ²	9.52 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)	85.0 °C	185 °F	ISO 75-1/-2
Flammability, UL94	HB	HB	IEC 60695-11-10

Descriptive Properties	Value	Comments
Resin Type	POM-I	

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