

Chem Polymer Formax 609 Acetal, Medium Flow

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

Material Notes:

A 9 melt flow index, injection molding grade copolymer acetal.Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chem-Polymer-Formax-609-Acetal-Medium-Flow.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in ³	ASTM D792
Melt Flow	9.0 g/10 min	9.0 g/10 min	MFI condition not specified

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	62.0 MPa	8990 psi	ASTM D638
Elongation at Break	40 %	40 %	ASTM D638
Flexural Yield Strength	86.0 MPa	12500 psi	ASTM D790
Flexural Modulus	2.60 GPa	377 ksi	ASTM D790
Izod Impact, Notched	0.580 J/cm	1.09 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	166 °C	331 °F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	110 °C	230 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	190 °C	374 °F	

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