

Chem Polymer Formax 630 Acetal, High Flow

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

Material Notes:

A 30 melt flow index copolymer acetal for use in products requiring extreme demands on processing characteristics but only moderate demands on mechanical performance.Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chem-Polymer-Formax-630-Acetal-High-Flow.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in ³	ASTM D792
Melt Flow	30 g/10 min	30 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	35 %	35 %	ASTM D638
Flexural Yield Strength	86.0 MPa	12500 psi	ASTM D790
Flexural Modulus	2.60 GPa	377 ksi	ASTM D790
Izod Impact, Notched	0.530 J/cm	0.993 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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