

Lucent Polymers POM-900P Acetal Homopolymer, Easy Flow, Injection Grade

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

Material Notes:

Add "U" for UV Stabilized Information provided by Lucent Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucent-Polymers-POM-900P-Acetal-Homopolymer-Easy-Flow-Injection-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.42 g/cc	1.42 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.020 cm/cm @Thickness 3.17 mm	0.020 in/in @Thickness 0.125 in	1/8" Section
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 190 Â°C	20 g/10 min @Load 4.76 lb, Temperature 374 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	68.97 MPa	10000 psi	ASTM D638
Elongation at Break	>= 20 %	>= 20 %	ASTM D638
Flexural Strength	100 MPa	14500 psi	ASTM D790
Flexural Modulus	2.828 GPa	410.1 ksi	ASTM D790
Izod Impact, Notched	0.694 J/cm @Thickness 3.17 mm, Temperature 22.8 Â°C	1.30 ft-lb/in @Thickness 0.125 in, Temperature 73.0 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	170 - 175 Â°C	338 - 347 Â°F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	135 Â°C	275 Â°F	ASTM D648

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