

Lucent Polymers POM-500 Acetal Homopolymer, General Purpose, 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-500-Acetal-Homopolymer-General-Purpose-Injection-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.42 g/cc	1.42 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.021 cm/cm @Thickness 3.17 mm	0.021 in/in @Thickness 0.125 in	1/8" Section
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 190 °C	12 g/10 min @Load 4.76 lb, Temperature 374 °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 °C	1.30 ft-lb/in @Thickness 0.125 in, Temperature 73.0 °F	ASTM D256

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

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China