

Lucent POM POM-500

Acetal (POM) Homopolymer

Lucent Polymers, Inc.

Message:

Acetal Homopolymer, General Purpose Injection Grade

Colors Available

Add "U" for UV Stabilized

General Information			
Features	General Purpose Homopolymer		
Uses	General Purpose		
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	2.1	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	68.9	MPa	ASTM D638
Tensile Elongation (Break)	> 20	%	ASTM D638
Flexural Modulus	2830	MPa	ASTM D790
Flexural Strength	100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	135	°C	ASTM D648
Peak Melting Temperature	170 to 175	°C	ASTM D789

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