MAXATEL® AC109-NAT

Acetal (POM) Copolymer

Pier One Polymers, Inc.

Message:

MAXATEL®AC109-NAT is a polyoxymethylene (POM) copolymer material. This product is available in North America and is processed by injection molding. MAXATEL®The main characteristics of the AC109-NAT are: copolymer.

General Information			
Features	Copolymer		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.41	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	8.0 - 10	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (23°C)	60.7	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	60	%	ASTM D638
Flexural Modulus (23°C)	2590	MPa	ASTM D790
Flexural Strength (23°C)	89.6	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	67	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	110	°C	ASTM D648
Injection	**Nominal Value**	**Unit**	
Drying Temperature	110	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	182 - 198	°C	
Mold Temperature	76 - 93	°C	

Recommended distributors for this material

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