

Pier One POM AC127-NAT

Acetal (POM) Copolymer

Pier One Polymers, Inc.

Message:

Pier One POM AC127-NAT is an Acetal (POM) Copolymer material. It is available in North America for injection molding. Primary attribute of Pier One POM AC127-NAT: Copolymer.

General Information			
Features	Copolymer		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	27	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	61.4	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	55	%	ASTM D638
Flexural Modulus (23°C)	2610	MPa	ASTM D790
Flexural Strength (23°C)	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	68	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	110	°C	ASTM D648
Peak Melting Temperature	166	°C	ASTM D3418
Injection	Nominal Value	Unit	
Drying Temperature	110	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	182 to 198	°C	
Mold Temperature	76.0 to 93.0	°C	

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Recommended distributors for this material

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