

CP PRYME® Acetal AC100-27

Acetal (POM) Copolymer
Chase Plastics Services Inc.

Message:

CP PRYME® Acetal AC100-27 is an Acetal (POM) Copolymer product. It is available in North America. Primary characteristic: copolymer.

General Information			
Features	Copolymer		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	27	g/10 min	ASTM D1238
Water Absorption (23°C, 24 hr)	0.22	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	62.7	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	65	%	ASTM D638
Flexural Modulus (23°C)	2600	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	90.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 3.18 mm	160	°C	
1.8 MPa, Unannealed, 3.18 mm	110	°C	

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Recommended distributors for this material

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