

CP PRYME® Acetal AH100

Acetal (POM) Homopolymer

Chase Plastics Services Inc.

Message:

CP PRYME® Acetal AH100 is an Acetal (POM) Homopolymer product. It is available in North America. Primary characteristic: homopolymer.

General Information			
Features	Homopolymer		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.58	g/cm ³	ASTM D792
Water Absorption (23°C, 24 hr)	0.18	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	128	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.0	%	ASTM D638
Flexural Modulus (23°C)	7580	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	193	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 3.18 mm	166	°C	
1.8 MPa, Unannealed, 3.18 mm	116	°C	

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