

# CP PRYME® Polystyrene PS100-14M

General Purpose Polystyrene

Chase Plastics Services Inc.

## Message:

14 Melt, General Purpose Polystyrene, Clear, FDA Compliant

General Information			
Features	General		
Agency Ratings	FDA not rated		
Appearance	Clear/transparent		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm <sup>3</sup>	
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	14	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 - 0.70	%	ASTM D955
Moisture Content		%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3100	MPa	ASTM D638
Tensile Strength	44.1	MPa	ASTM D638
Flexural Modulus	3170	MPa	ASTM D790
Flexural Strength	84.1	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	90.6	°C	ASTM D648
Vicat Softening Temperature	96.7	°C	ASTM D1525

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## Recommended distributors for this material

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