

CP PRYME® Polycarbonate PC100R

Polycarbonate

Chase Plastics Services Inc.

Message:

CP PRYME® Polycarbonate PC100R is a polycarbonate (PC) product. It is available in North America.

Features include:

mold release agent

excellent release agent

General Information			
Additive	demoulding		
Features	Good demoulding performance		
Appearance	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	64.1	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	100	%	ASTM D638
Flexural Modulus (23°C)	2280	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	93.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	880	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	129	°C	ASTM D648
Additional Information			

Melt Flow Rate, ASTM D1238, 300°C/10 Kg: 10 to 14 g/10 minNotched Izod Impact, ASTM D256, 23°C: 16 to 17 ft-lb/in

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Recommended distributors for this material

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