

# CP PRYME® Polypropylene PPH100-20M

Polypropylene Homopolymer

Chase Plastics Services Inc.

## Message:

CP PRYME® Polypropylene PPH100-20M is a Polypropylene Homopolymer (PP Homopolymer) product. It is available in North America. Typical application: Food Contact Applications.

Characteristics include:

Food Contact Acceptable

Homopolymer

General Information			
Features	Food Contact Acceptable Homopolymer		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.906	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.0 to 2.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	88		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	37.8	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	6.2	%	ASTM D638
Flexural Modulus (23°C)	1520	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	26	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	126	°C	ASTM D648

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## Recommended distributors for this material

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