

# CP PRYME® Polyethylene PE100HDC-20M

High Density Polyethylene

Chase Plastics Services Inc.

## Message:

CP PRYME® Polyethylene PE100HDC-20M is a High Density Polyethylene product. It can be processed by injection molding and is available in North America. Typical application: Food Contact Applications. Primary characteristic: food contact acceptable.

General Information			
Features	Food Contact Acceptable		
Agency Ratings	FDA Unspecified Rating		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.951	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	22.1	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	> 100	%	ASTM D638
Flexural Modulus - 1% Secant	827	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	120	°C	ASTM D1525
NOTE			
1.	51 mm/min		
2.	51 mm/min		

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## Recommended distributors for this material

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