

# CP PRYME® Polypropylene PPH100-4M

Polypropylene Homopolymer

Chase Plastics Services Inc.

Message:

CP PRYME® Polypropylene PPH100-4M is a Polypropylene Homopolymer (PP Homopolymer) product. It can be processed by injection molding and 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 Unspecified Rating		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	34.5	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	10	%	ASTM D638
Flexural Modulus - 1% Secant	1310	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256
NOTE			
1.	51 mm/min		
2.	51 mm/min		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519  
Phone: +86 13424755533  
Email: sales@su-jiao.com  
No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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