

Chase Plastics CP Pryme® PPH100-12M Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Information provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-PPH100-12M-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	34.5 MPa	5000 psi	ASTM D638
Elongation at Break	>= 200 %	>= 200 %	ASTM D638
Flexural Modulus	1.52 GPa	220 ksi	ASTM D790
Izod Impact, Notched	0.187 J/cm	0.350 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	104 °C	220 °F	ASTM D648

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