

Chase Plastics CP Pryme® PPC100-8M Polypropylene Copolymer

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

Material Notes:

Information provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-PPC100-8M-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 230 °C	8.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	24.1 MPa	3500 psi	ASTM D638
Elongation at Break	>= 200 %	>= 200 %	ASTM D638
Flexural Strength	33.8 MPa	4900 psi	ASTM D790
Flexural Modulus	1.00 GPa	145 ksi	ASTM D790
Izod Impact, Notched	1.33 J/cm	2.50 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	87.8 °C	190 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	54.4 °C	130 °F	ASTM D648

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