

## Chase Plastics CP Pryme® PPC300NB-10M Utility Polypropylene Copolymer

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-PPC300NB-10M-Utility-Polypropylene-Copolymer.php](http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-PPC300NB-10M-Utility-Polypropylene-Copolymer.php)

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

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	21.4 MPa	3100 psi	ASTM D638
Elongation at Break	>= 200 %	>= 200 %	ASTM D638
Flexural Strength	31.0 MPa	4500 psi	ASTM D790
Flexural Modulus	1.03 GPa	150 ksi	ASTM D790
Izod Impact, Notched	6.41 J/cm	12.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	75.0 °C	167 °F	ASTM D648

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