

## Chase Plastics CP Pryme® A100 ABS Molding Resin

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Molded

**Material Notes:**

Information provided by Chase Plastics.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chase-Plastics-CP-Pryme-A100-ABS-Molding-Resin.php](http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-A100-ABS-Molding-Resin.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Melt Flow	15 g/10 min @Load 10.0 kg, Temperature 220 °C	15 g/10 min @Load 22.0 lb, Temperature 428 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	49.0 MPa	7100 psi	ASTM D638
Elongation at Break	25 %	25 %	ASTM D638
Flexural Strength	76.5 MPa	11100 psi	ASTM D790
Flexural Modulus	2.41 GPa	350 ksi	ASTM D790
Izod Impact, Notched	3.20 J/cm	6.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	96.1 °C @Thickness 3.17 mm	205 °F @Thickness 0.125 in	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	90.6 °C @Thickness 3.17 mm	195 °F @Thickness 0.125 in	Unannealed; ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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