

## Chase Plastics CP Pryme® A100HH ABS Molding Resin, High Heat

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

**Material Notes:**

Information provided by Chase Plastics.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chase-Plastics-CP-Pryme-A100HH-ABS-Molding-Resin-High-Heat.php](http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-A100HH-ABS-Molding-Resin-High-Heat.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ASTM D792
Melt Flow	10 g/10 min @Load 10.0 kg, Temperature 220 °C	10 g/10 min @Load 22.0 lb, Temperature 428 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	48.3 MPa	7000 psi	ASTM D638
Elongation at Break	35 %	35 %	ASTM D638
Flexural Strength	77.2 MPa	11200 psi	ASTM D790
Flexural Modulus	2.59 GPa	375 ksi	ASTM D790
Izod Impact, Notched	2.24 J/cm	4.20 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	106 °C @Thickness 3.17 mm	223 °F @Thickness 0.125 in	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	97.2 °C @Thickness 3.17 mm	207 °F @Thickness 0.125 in	Unannealed; ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China