

Chase Plastics CP Pryme® A300 BK General Purpose (Utility) 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-A300-BK-General-Purpose-Utility-ABS-Molding-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	44.8 MPa	6500 psi	ASTM D638
Elongation at Break	15 %	15 %	ASTM D638
Flexural Strength	73.1 MPa	10600 psi	ASTM D790
Flexural Modulus	2.40 GPa	348 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)	92.2 °C @Thickness 3.17 mm	198 °F @Thickness 0.125 in	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	87.2 °C @Thickness 3.17 mm	189 °F @Thickness 0.125 in	Unannealed; ASTM D648

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