

Chase Plastics CP Pryme® A100HH ABS

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

Material Notes:

Features: High heat resistance
Form: Pellets
Information provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-A100HH-ABS.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0030 - 0.0060 cm/cm	0.0030 - 0.0060 in/in	ASTM D955
Melt Flow	3.5 g/10 min	3.5 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	110	110	ASTM D785
Tensile Strength, Yield	43.0 MPa	6230 psi	ASTM D638
Elongation at Break	20 %	20 %	ASTM D638
Flexural Strength	61.4 MPa	8900 psi	ASTM D790
Flexural Modulus	2.28 GPa	330 ksi	ASTM D790
Izod Impact, Notched	2.30 J/cm	4.30 ft-lb/in	0.125 in; ASTM D256

Thermal Properties	Metric	English	Comments
Flammability, UL94	HB	HB	

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