

Chase Plastics CP Pryme® APC300 ABS Polycarbonate Alloy, Recycled Content

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced , Polycarbonate (PC)

Material Notes:

Features: Recycled content
Form: Pellets
Information provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-APC300-ABS-Polycarbonate-Alloy-Recycled-Content.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	123	123	ASTM D785
Tensile Strength at Break	44.8 MPa	6500 psi	ASTM D638
Elongation at Break	30 %	30 %	ASTM D638
Flexural Yield Strength	65.5 MPa	9500 psi	ASTM D790
Flexural Modulus	2.41 GPa	350 ksi	ASTM D790
Izod Impact, Notched	3.74 J/cm	7.00 ft-lb/in	0.125 in; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	102 °C	215 °F	Unannealed; ASTM D648

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