

Chase Plastics CP Pryme® PCA100 Polycarbonate/ABS Alloy

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

Material Notes:

Information provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-PCA100-PolycarbonateABS-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.15 g/cc	1.15 g/cc	ASTM D792
Melt Flow	8.0 g/10 min @Load 3.80 kg, Temperature 230 °C	8.0 g/10 min @Load 8.38 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	53.8 MPa	7800 psi	ASTM D638
Elongation at Break	55 %	55 %	ASTM D638
Flexural Strength	72.4 MPa	10500 psi	ASTM D790
Flexural Modulus	2.07 GPa	300 ksi	ASTM D790
Izod Impact, Notched	4.81 J/cm	9.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	107 °C	225 °F	ASTM D648

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