

PlastxWorld CEVIAN® S3100 PC/ABS alloy

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

Material Notes:

Flame retarded PC/ABS Alloy. These are typical values and are not intended for specification purposes. UL approved file No. is E47773.

Information provided by PlastxWorld Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PlastxWorld-CEVIAN-S3100-PCABS-alloy.php

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in ³	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, Yield	50.3 MPa	7300 psi	ASTM 638
Elongation at Break	100 %	100 %	ASTM D638
Flexural Yield Strength	74.5 MPa	10800 psi	ASTM D790
Flexural Modulus	2.06 GPa	299 ksi	ASTM D790
Izod Impact, Notched	4.81 J/cm @Thickness 3.17 mm	9.00 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	109 °C	228 °F	0.25 inch; ASTM D648
Flammability, UL94	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	

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