

PlastxWorld CEVIAN® CGF10 10% GF PC/Acrylic Alloy

Category : Polymer , Thermoplastic , Acrylic (PMMA) , Acrylic/Polycarbonate Alloy, Glass Fiber Filler , Polycarbonate (PC)

Material Notes:

Glass fiber reinforced PC/Acrylic alloy. These are typical values and are not intended for specification purposes. Information provided by PlastxWorld Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PlastxWorld-CEVIAN-CGF10-10-GF-PCAcrylic-Alloy.php

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in ³	ASTM D792
Melt Flow	1.8 g/10 min @Load 3.80 kg, Temperature 230 °C	1.8 g/10 min @Load 8.38 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	75.8 MPa	11000 psi	ASTM D638
Flexural Yield Strength	109 MPa	15800 psi	ASTM D790
Flexural Modulus	2.83 GPa	410 ksi	ASTM D790
Izod Impact, Notched	1.23 J/cm @Thickness 6.35 mm	2.30 ft-lb/in @Thickness 0.250 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	110 °C	230 °F	0.25 inch; ASTM D648

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