

PlastxWorld CEVIAN® B2706 30% GF PBT/ABS Alloy

Category : Polymer , Thermoplastic , ABS Polymer , ABS/Polyester Alloy + GF , Polyester, TP , Polybutylene Terephthalate (PBT)

Material Notes:

Glass fiber reinforced PBT/ABS alloy. Information provided by PlastxWorld Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PlastxWorld-CEVIAN-B2706-30-GF-PBTABS-Alloy.php

Physical Properties	Metric	English	Comments
Density	1.44 g/cc	0.0520 lb/in ³	ASTM D792
Water Absorption	0.15 %	0.15 %	24 hr; ASTM D570
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	118 MPa	17100 psi	ASTM 638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Yield Strength	167 MPa	24200 psi	ASTM D790
Flexural Modulus	8.76 GPa	1270 ksi	ASTM D790
Izod Impact, Notched	0.747 J/cm @Thickness 3.17 mm	1.40 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	36.0 µm/m-°C @Temperature 20.0 °C	20.0 µin/in-°F @Temperature 68.0 °F	ASTM D696
Deflection Temperature at 0.46 MPa (66 psi)	210 °C	410 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	200 °C	392 °F	ASTM D648
Flammability, UL94	HB	HB	

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