

PlastxWorld CEVIAN® B6526 30% GF PBT/ABS Alloy

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

Material Notes:

Glass fiber and mineral filled, low warpage and flame retarded PBT/ABS. Information provided by PlastxWorld Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PlastxWorld-CEVIAN-B6526-30-GF-PBTABS-Alloy.php

Physical Properties	Metric	English	Comments
Density	1.51 g/cc	0.0546 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0020 - 0.0040 cm/cm	0.0020 - 0.0040 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	95.1 MPa	13800 psi	ASTM D638
Elongation at Break	1.9 %	1.9 %	ASTM D638
Flexural Yield Strength	138 MPa	20000 psi	ASTM D790
Flexural Modulus	9.24 GPa	1340 ksi	ASTM D790
Izod Impact, Notched	0.587 J/cm @Thickness 3.17 mm	1.10 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	200 °C	392 °F	0.25 inch; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	145 °C	293 °F	0.25 inch; ASTM D648
Flammability, UL94	V-0 @Thickness 1.70 mm	V-0 @Thickness 0.0669 in	

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