

## PlastxWorld CEVIAN® B5522 10% GF PBT/ABS Alloy

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

**Material Notes:**

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

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PlastxWorld-CEVIAN-B5522-10-GF-PBTABS-Alloy.php](http://www.lookpolymers.com/polymer_PlastxWorld-CEVIAN-B5522-10-GF-PBTABS-Alloy.php)

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0030 - 0.0050 cm/cm	0.0030 - 0.0050 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	67.6 MPa	9800 psi	ASTM 638
Elongation at Break	2.7 %	2.7 %	ASTM D638
Flexural Yield Strength	103 MPa	14900 psi	ASTM D790
Flexural Modulus	4.32 GPa	626 ksi	ASTM D790
Izod Impact, Notched	0.481 J/cm @Thickness 3.17 mm	0.900 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	185 °C	365 °F	0.25 inch; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	110 °C	230 °F	0.25 inch; ASTM D648
UL RTI, Electrical	140 °C	284 °F	UL746B
UL RTI, Mechanical with Impact	95.0 °C	203 °F	UL746B
UL RTI, Mechanical without Impact	130 °C	266 °F	UL746B
Flammability, UL94	V-0 @Thickness 1.50 mm	V-0 @Thickness 0.0591 in	

## Contact Songhan Plastic Technology Co.,Ltd.

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