

PlastxWorld CEVIAN® B2504 20% 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-B2504-20-GF-PBTABS-Alloy.php

Physical Properties	Metric	English	Comments
Density	1.31 g/cc	0.0473 lb/in³	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	91.0 MPa	13200 psi	ASTM 638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Yield Strength	137 MPa	19900 psi	ASTM D790
Flexural Modulus	5.86 GPa	850 ksi	ASTM D790
Izod Impact, Notched	0.694 J/cm @Thickness 3.17 mm	1.30 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)	125 °C	257 °F	0.25 inch; ASTM D648
Flammability, UL94	HB	HB	

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