

PlastxWorld CEVIAN® B1500 PBT/ABS Alloy

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

Material Notes:

Unfilled, Excellent Toughness These are typical values and are not intended for specification purposes. UL approved file No. is E47773.

Information provided by PlastxWorld Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PlastxWorld-CEVIAN-B1500-PBTABS-Alloy.php

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0070 - 0.0090 cm/cm	0.0070 - 0.0090 in/in	ASTM D955
Melt Flow	15 g/10 min	15 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	104	104	ASTM D785
Tensile Strength, Yield	42.1 MPa	6100 psi	ASTM 638
Elongation at Break	100 %	100 %	ASTM D638
Flexural Yield Strength	62.7 MPa	9100 psi	ASTM D790
Flexural Modulus	1.93 GPa	280 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)	100 °C	212 °F	0.25 inch; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	90.0 °C	194 °F	0.25 inch; ASTM D648
Flammability, UL94	HB	HB	

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