

PlastxWorld CEVIAN® B1700 PBT/ABS Alloy

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

Material Notes:

Unfilled, High Heat Resistant 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-B1700-PBTABS-Alloy.php

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.012 - 0.014 cm/cm	0.012 - 0.014 in/in	ASTM D955
Melt Flow	20 g/10 min	20 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	46.2 MPa	6700 psi	ASTM 638
Elongation at Break	40 %	40 %	ASTM D638
Flexural Yield Strength	71.7 MPa	10400 psi	ASTM D790
Flexural Modulus	2.28 GPa	330 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)	140 °C	284 °F	0.25 inch; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	85.0 °C	185 °F	0.25 inch; ASTM D648
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	

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