

PlastxWorld CEVIAN® EG506 ABS

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

Inherently Static Dissipative and Glass Fiber reinforced ABS. 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-EG506-ABS.php

Physical Properties	Metric	English	Comments
Density	1.47 g/cc	0.0531 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0010 - 0.0030 cm/cm	0.0010 - 0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	67.6 MPa	9800 psi	ASTM D638
Flexural Yield Strength	86.9 MPa	12600 psi	ASTM D790
Flexural Modulus	6.08 GPa	882 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 1.8 MPa (264 psi)	97.0 °C	207 °F	0.5 inch; ASTM D648
Flammability, UL94	V-0 @Thickness 1.50 mm	V-0 @Thickness 0.0591 in	

Electrical Properties	Metric	English	Comments
Surface Resistance	6.00e+11 ohm	6.00e+11 ohm	ASTM D249

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