

PlastxWorld CEVIAN® E10 Inherently Static Dissipative ABS

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Molded

Material Notes:

Inherently Static Dissipative ABSThese 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-E10-Inherently-Static-Dissipative-ABS.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	ASTM D955
Melt Flow	5.0 g/10 min @Load 5.00 kg, Temperature 200 °C	5.0 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	39.3 MPa	5700 psi	ASTM D638
Flexural Yield Strength	57.9 MPa	8400 psi	ASTM D790
Flexural Modulus	1.96 GPa	284 ksi	ASTM D790
Izod Impact, Notched	3.42 J/cm @Thickness 3.17 mm	6.40 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	85.0 °C	185 °F	0.5 inch; ASTM D648
Flammability, UL94	HB	HB	

Electrical Properties	Metric	English	Comments
Surface Resistance	2.00e+11 ohm	2.00e+11 ohm	ASTM D249

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