

PlastxWorld CEVIAN®-V T150 ABS

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

Material Notes:

Medium impact transparent 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-V-T150-ABS.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	ASTM D792
Water Absorption	0.30 %	0.30 %	24 hr; ASTM D570
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	ASTM D955
Melt Flow	13 g/10 min @Load 3.80 kg, Temperature 230 °C	13 g/10 min @Load 8.38 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	108	108	ASTM D785
Tensile Strength, Yield	39.3 MPa	5700 psi	ASTM 638
Flexural Yield Strength	58.6 MPa	8500 psi	ASTM D790
Flexural Modulus	1.79 GPa	260 ksi	ASTM D790
Izod Impact, Notched	1.49 J/cm @Thickness 6.35 mm	2.80 ft-lb/in @Thickness 0.250 in	ASTM D256
	1.60 J/cm @Thickness 3.17 mm	3.00 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	86.0 °C	187 °F	0.5 inch; ASTM D648
Flammability, UL94	HB	HB	

Optical Properties	Metric	English	Comments
Haze	4.0 %	4.0 %	
Transmission, Visible	88 %	88 %	

Optical Properties

Metric

English

Comments

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