

## PlastxWorld CEVIAN®-V 400N ABS

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

**Material Notes:**

Heat Resistant 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-400N-ABS.php](http://www.lookpolymers.com/polymer_PlastxWorld-CEVIAN-V-400N-ABS.php)

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.30 %	0.30 %	24 hr; ASTM D570
Linear Mold Shrinkage	0.0050 - 0.0080 cm/cm	0.0050 - 0.0080 in/in	ASTM D955
Melt Flow	0.60 g/10 min @Load 3.80 kg, Temperature 230 °C	0.60 g/10 min @Load 8.38 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	46.2 MPa	6700 psi	ASTM 638
Flexural Yield Strength	72.4 MPa	10500 psi	ASTM D790
Flexural Modulus	2.28 GPa	330 ksi	ASTM D790
Izod Impact, Notched	1.23 J/cm @Thickness 3.17 mm	2.30 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	111 °C	232 °F	0.125 inch; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	115 °C	239 °F	0.5 inch; ASTM D648
Flammability, UL94	HB	HB	

## Contact Songhan Plastic Technology Co.,Ltd.

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