

## PlastxWorld CEVIAN® S1100 High Impact PC/ABS alloy

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced , Polycarbonate (PC)

**Material Notes:**

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-S1100-High-Impact-PCABS-alloy.php](http://www.lookpolymers.com/polymer_PlastxWorld-CEVIAN-S1100-High-Impact-PCABS-alloy.php)

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	ASTM D955
Melt Flow	7.0 g/10 min @Load 3.80 kg, Temperature 230 °C	7.0 g/10 min @Load 8.38 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	53.1 MPa	7700 psi	ASTM 638
Elongation at Break	70 %	70 %	ASTM D638
Flexural Yield Strength	84.1 MPa	12200 psi	ASTM D790
Flexural Modulus	2.25 GPa	327 ksi	ASTM D790
Izod Impact, Notched	5.87 J/cm @Thickness 6.35 mm	11.0 ft-lb/in @Thickness 0.250 in	ASTM D256
	6.41 J/cm @Thickness 3.17 mm	12.0 ft-lb/in @Thickness 0.125 in	ASTM D256
	3.74 J/cm @Thickness 6.35 mm, Temperature -30.0 °C	7.00 ft-lb/in @Thickness 0.250 in, Temperature -22.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	110 °C	230 °F	0.25 inch; ASTM D648
Vicat Softening Point	239 °C	462 °F	ASTM D1525
Flammability, UL94	HB	HB	

## **Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**