

**PlastxWorld CEVIAN® SERG2 20% GF ABS**

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Glass Fiber Filled, Flame Retardant

**Material Notes:**

Glass fiber reinforced and flame retarded 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-SERG2-20-GF-ABS.php](http://www.lookpolymers.com/polymer_PlastxWorld-CEVIAN-SERG2-20-GF-ABS.php)

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.30 %	0.30 %	24 hr; ASTM D570
Linear Mold Shrinkage	0.0020 - 0.0050 cm/cm	0.0020 - 0.0050 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	116	116	ASTM D785
Tensile Strength, Yield	73.8 MPa	10700 psi	ASTM 638
Flexural Yield Strength	97.9 MPa	14200 psi	ASTM D790
Flexural Modulus	5.88 GPa	853 ksi	ASTM D790
Izod Impact, Notched	0.961 J/cm @Thickness 3.17 mm	1.80 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	30.6 $\mu\text{m}/\text{m}\cdot\text{°C}$ @Temperature 20.0 °C	17.0 $\mu\text{in}/\text{in}\cdot\text{°F}$ @Temperature 68.0 °F	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	97.0 °C	207 °F	0.5 inch unannealed; ASTM D648
Vicat Softening Point	103 °C	217 °F	ASTM D1525
Flammability, UL94	V-0 @Thickness 1.70 mm	V-0 @Thickness 0.0669 in	

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

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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