

PlastxWorld CEVIAN® SERG1 10% 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-SERG1-10-GF-ABS.php

Physical Properties	Metric	English	Comments
Density	1.30 g/cc	0.0470 lb/in ³	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	114	114	ASTM D785
Tensile Strength, Yield	68.9 MPa	10000 psi	ASTM 638
Flexural Yield Strength	88.3 MPa	12800 psi	ASTM D790
Flexural Modulus	3.92 GPa	569 ksi	ASTM D790
Izod Impact, Notched	0.801 J/cm @Thickness 3.17 mm	1.50 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	50.4 $\mu\text{m}/\text{m}\cdot\text{C}$ @Temperature 20.0 $^{\circ}\text{C}$	28.0 $\mu\text{in}/\text{in}\cdot\text{F}$ @Temperature 68.0 $^{\circ}\text{F}$	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	94.0 $^{\circ}\text{C}$	201 $^{\circ}\text{F}$	0.5 inch unannealed; ASTM D648
Vicat Softening Point	100 $^{\circ}\text{C}$	212 $^{\circ}\text{F}$	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