

PlastxWorld CEVIAN® SKG30 30% GF ABS

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

Material Notes:

Glass fiber reinforced, heat resistant 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-SKG30-30-GF-ABS.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in ³	ASTM D792
Water Absorption	0.30 %	0.30 %	24 hr; ASTM D570
Linear Mold Shrinkage	0.0010 - 0.0040 cm/cm	0.0010 - 0.0040 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	97.9 MPa	14200 psi	ASTM 638
Flexural Yield Strength	137 MPa	19900 psi	ASTM D790
Flexural Modulus	7.86 GPa	1140 ksi	ASTM D790
Izod Impact, Notched	0.481 J/cm @Thickness 3.17 mm	0.900 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	21.6 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$ @Temperature 20.0 $^\circ\text{C}$	12.0 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$ @Temperature 68.0 $^\circ\text{F}$	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	106 $^\circ\text{C}$	223 $^\circ\text{F}$	0.5 inch unannealed; ASTM D648
Flammability, UL94	V-0 @Thickness 1.50 mm	V-0 @Thickness 0.0591 in	

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