

PlastxWorld CEVIAN® SUG20 ABS

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

Material Notes:

Glass fiber reinforced, high 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-SUG20-ABS.php

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 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
Tensile Strength, Yield	68.9 MPa	10000 psi	ASTM 638
Flexural Yield Strength	110 MPa	16000 psi	ASTM D790
Flexural Modulus	5.58 GPa	810 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm @Thickness 3.17 mm	1.00 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	120 °C	248 °F	0.5 inch; ASTM D648
Flammability, UL94	V-0 @Thickness 1.50 mm	V-0 @Thickness 0.0591 in	

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