

PlastxWorld CEVIAN® A2603 15% GF PA/ABS Alloy, DAM

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS)/Nylon Blend, Glass Reinforced , Nylon

Material Notes:

Property data is for dry as molded (DAM) samples. 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-A2603-15-GF-PAABS-Alloy-DAM.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ASTM D792
Water Absorption	0.70 %	0.70 %	24 hr; ASTM D570
Linear Mold Shrinkage	0.0010 - 0.0050 cm/cm	0.0010 - 0.0050 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	116	116	ASTM D785
Tensile Strength at Break	82.7 MPa	12000 psi	ASTM D638
Elongation at Break	6.0 %	6.0 %	
Flexural Yield Strength	117 MPa	17000 psi	ASTM D790
Flexural Modulus	4.27 GPa	620 ksi	ASTM D790
Izod Impact, Notched	1.39 J/cm @Thickness 3.17 mm	2.60 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	165 °C	329 °F	0.5 inch; ASTM D648
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	

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