



Material Series: AS8660-B1

SERIES DESCRIPTION & APPLICATION

AS8660 is a highly engineered Epoxy Sheet Molding Compound. This material was designed to have high strength in outdoor environments.

General Material Properties		
Property (Test Method)	Value	Units
Specific Gravity (ASTM D792)	1.80	
Mold Shrinkage (ASTM D955)	-1.6	in/in

Material Properties			
Property (Test Method)	Value (US)	Value (Metric)	Units
Tensile Strength (ASTM D638)	24.2	166	ksi (MPa)
Tensile Modulus (ASTM D638)	2500	17.2	ksi (GPa)
Flexural Strength (ASTM D790)	47.0	324	ksi (MPa)
Flexural Modulus (ASTM D790)	2480	17.1	ksi (GPa)
Notched Izod Impact (ASTM D256)	20.4	1080	ft-lb/in (J/m)
Dielectric Strength (ASTM D149)	367	14.5	Volts/mil (kV/mm)

Storage Guidelines		
Property	Value	Units
Storage Temperature	<70	F
Shelf life*	16	weeks

All property values are based on test performed on standard ASTM test samples and according to standard ASTM test methods unless otherwise indicated. This information is offered solely for your consideration and is to be used as a guide only. No other warranty is implied. *Shelf life assumes material is shipped to customer via refrigerated truck where temperatures are at or below recommended storage temperatures. Material may continue to mature causing an increase in material viscosity and may be required to be pre-heated prior to molding.

Contact Us:

CORPORATE HEADQUARTERS

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