



BGM INTERNATIONAL LLC

G11-Grade Fiberglass Epoxy

Data Sheet

UL Approved Product Catalog Number: BGM302 Certifiable
to NEMA G11 & MIL-I-24768/3

BGM302 is a halogen free epoxy resin, fiberglass laminated sheet.

Typical Physical Properties	Units	Value
Specific Gravity	~	1.80
Temperature Index	C	180
Water Absorption (1 mm)	%	.04
Flexural Strength LW (3mm)	PSI	78,200
Flexural Strength CW (3 mm)	PSI	64,000
Rockwell Hardness	M Scale	113
Izod Impact Strength LW	ft-lbs/in	15.6
Izod Impact Strength CW	ft-lbs/in	11.6
Compressive Strength	PSI	64,000
Bond Strength	lbs	2,200
Typical Electrical Properties	Units	Value
Dielectric Condition A	Kv	75
Dielectric Condition D48/50	Kv	64
Flammability Rating	U.L. 94	HB
Permittivity A	~	4.8
Permittivity D24/23	~	4.8
Dissipation Factor D24/23	~	0.019

This information is based on reliable analytical methods and is for informational purpose only and does not imply a warranty.

