

# BGM INTERNATIONAL LLC

## XX Data Sheet

**UL Approved**

**Product Catalog Number: BGM102**

**Certifiable to NEMA XX & Mil Spec MIL-I-24768/11 Type: PBG**  
**Also Certifiable to NEMA X Mil Spec MIL-I-24768/12 Type: PBM**

**BGM102 is a phenolic resin, kraft paper laminated sheet.**

<b>Typical Physical Properties</b>	<b>Units</b>	<b>Value</b>
Specific Gravity	-	1.39
Temperature Index	C	150
Water Absorption	%	<1.30
Flexural Strength LW (3mm)	PSI	18,900
Flexural Strength CW (3 mm)	PSI	17,600
Rockwell Hardness	M Scale	110
Izod Impact Strength LW	ft-lbs/in	0.56
Izod Impact Strength CW	ft-lbs/in	0.51
Compressive Strength	PSI	34,600
Bond Strength	lbs	900
<b>Typical Electrical Properties</b>	<b>Units</b>	<b>Value</b>
Dielectric Condition A	Kv	>41
Dielectric Condition D48/50	Kv	>5
Flammability Rating	U.L. 94	HB
Permittivity A	-	<5.45
Permittivity D24/23	-	<6
Dissipation Factor D24/23	-	<0.50

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



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