

**BGM INTERNATIONAL LLC****XX Grade Paper Phenolic****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.

Typical Physical Properties	Units	Value
Specific Gravity	-	1.37
Temperature Index	C	125
Water Absorption	%	<1.60
Flexural Strength LW (3mm)	PSI	21,000
Flexural Strength CW (3 mm)	PSI	17,600
Rockwell Hardness	M Scale	104
Izod Impact Strength LW	ft-lbs/in	2.28
Izod Impact Strength CW	ft-lbs/in	2.26
Compressive Strength	PSI	37,000
Bond Strength	lbs.	1,850
Typical Electrical Properties	Units	Value
Dielectric Condition A	Kv	51
Dielectric Condition D48/50	Kv	-
Flammability Rating	U.L. 94	HB
Permittivity A	-	-
Permittivity D24/23	-	-
Dissipation Factor D24/23	-	-

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