



**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.**

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

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

**1-888-CURBELL**

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