

# BGM INTERNATIONAL LLC

## C Data Sheet

**UL Approved**  
**Product Catalog Number: BGM201**  
**Certifiable to NEMA C & Mil Spec MIL-I-24768/16**

**BGM201 is a phenolic resin, cotton cloth laminated sheet.**

| <b>Typical Physical Properties</b>   | <b>Units</b> | <b>Value</b> |
|--------------------------------------|--------------|--------------|
| Specific Gravity                     | -            | 1.37         |
| Temperature Index                    | C            | 125          |
| Water Absorption                     | %            | <2.50        |
| Flexural Strength LW (3mm)           | PSI          | 19,900       |
| Flexural Strength CW (3 mm)          | PSI          | 16,000       |
| Rockwell Hardness                    | M Scale      | 104          |
| Izod Impact Strength LW              | ft-lbs/in    | 1.90         |
| Izod Impact Strength CW              | ft-lbs/in    | 1.75         |
| Compressive Strength                 | PSI          | 33,000       |
| Bond Strength                        | lbs          | 2,000        |
| <b>Typical Electrical Properties</b> | <b>Units</b> | <b>Value</b> |
| Dielectric Condition A               | Kv           | 39           |
| 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.

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PLASTICS

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