

## Acculam® Phenolglas G3 Product Data Sheet

Typical Properties	Typical Value	Units
<b>Physical Data</b>		
Specific Gravity	1.85	---
Water Absorption -.125"	<2.0	%
Temperature Index	170 / 338	°C / °F
Rockwell Hardness	100	M scale
Bond Strength	>850 / 386	lbs / kgs
Flexural Strength -LW -A -.125"	>40,000 / 276	PSI / MPa
Flexural Strength -CW -A -.125"	>30,000 / 207	PSI / MPa
Izod Impact Strength -LW	>9	ft-lbs / in
Izod Impact Strength -CW	>7	ft-lbs / in
Compressive Strength -Flatwise	>50,000 / 345	PSI / MPa
<b>Electrical Data</b>		
Dielectric Breakdown -A	>50	kV

**Product Description:** Acculam® Phenolglas G3 - Laminate sheet comprised of a phenolic resin binder and woven fiberglass substrate. It qualifies to NEMA G-3 and MIL-I-24768/18.

**Typical Applications:** This material has good heat resistance, high mechanical strength and low thermal expansion. It finds applications in motor slot insulation, valve plates, and other applications requiring good thermal insulation characteristics.

• **QUALITY** • **VALUE** • **SPEED** • **ACCURATE**

*Accurate provides this data as information only and does not imply any warranty for its use or application.*