

Acculam® Melaglas G5 Product Data Sheet

Typical Properties	Typical Value	Units
Physical Data		
Specific Gravity	1.90	---
Water Absorption -.125"	<1.45	%
Temperature Index	140 / 284	°C / °F
Rockwell Hardness	120	M scale
Bond Strength	>1570 / 713	lbs / kgs
Flexural Strength -LW -A -.125"	>55,000 / 380	PSI / MPa
Flexural Strength -CW -A -.125"	>38,000 / 262	PSI / MPa
Izod Impact Strength -LW	>10	ft-lbs / in
Izod Impact Strength -CW	>8	ft-lbs / in
Compressive Strength -Flatwise	>70,000 / 483	PSI / MPa
Electrical Data		
Dielectric Breakdown -A	>50	kV
Dielectric Breakdown -D48/50	>40	kV
Permittivity A	<7.8	
Arc Resistance -A	>180	SEC
Dissipation Factor -A	<0.2	
Dissipation Factor -D24/23	<0.8	

Product Description: Acculam® Melaglas G5 - Laminate sheet comprised of flame retardant melamine resin and a woven fiberglass glass substrate. It qualifies to NEMA G5 and MIL-I-24768/8.

Typical Applications: This material has high strength and excellent arc resistance and electrical insulating properties which allows it to be used as mechanical support in electrical equipment, switchgear, and slot wedges.

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

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