

## Acculam® Epoxyglas G11 / FR5 Product Data Sheet

Typical Properties	Typical Value	Units
<b>Physical Data</b>		
Specific Gravity	1.85	---
Water Absorption -.25"	<0.1	%
Temperature Index	180 / 356	°C / °F
Rockwell Hardness	115	M scale
Bond Strength	>2,000 / 900	LBS / kgs
Flexural Strength -LW -A -.125"	>80,000 / 550	PSI / MPa
Flexural Strength -LW -E 1/150	>30,000 / 220	PSI / MPa
Izod Impact Strength -LW	>10	ft-lbs / in
Izod Impact Strength -CW	>8	ft-lbs / in
Compressive Strength -Flatwise	>65,000 / 448	PSI / MPa
Flame Resistance	94 VO	---
<b>Electrical Data</b>		
Dielectric Breakdown -A	>50	kV
Dielectric Breakdown -D48/50	>50	kV
Permittivity -A	4.8	---
Permittivity -D24/23	4.8	---
Dissipation Factor -A	0.017	---
Dissipation Factor -D 24/23	0.018	---

**Product Description:** Acculam® Epoxyglas G11/FR5 - Laminate sheet comprised of flame retardant/heat resistant epoxy resin and a woven fiberglass substrate. It qualifies to NEMA FR5 and MIL-I-24768/28.

**Typical Applications:** G11/FR5 exhibits extremely high mechanical strength at elevated temperatures. It shows good dielectric loss and electric strength properties under both dry and humid conditions. It has good chemical resistance and low moisture absorption.

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

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