

## Acculam® Phenolfab XX / XXX

### Product Data Sheet

Typical Properties	Typical Value	Units
<b>Physical Data</b>		
Specific Gravity	1.34	---
Water Absorption -.125"	<0.9	%
Temperature Index	140 / 284	°C / °F
Rockwell Hardness	110	M scale
Bond Strength	>950 / 431	lbs / kgs
Flexural Strength -LW -A -.125"	>18,000 / 124	PSI / MPa
Flexural Strength -CW -A -.125"	>16,000 / 110	PSI / MPa
Izod Impact Strength -LW	>.50	ft-lbs / in
Izod Impact Strength -CW	>.40	ft-lbs / in
Compressive Strength -Flatwise	>32,000 / 221	PSI / MPa
<b>Electrical Data</b>		
Dielectric Breakdown -A	>50	kV
Dielectric Breakdown -D48/50	>6.0	kV
Permittivity A	<5.30	
Permittivity -D24/23	<5.70	
Dissipation Factor -A	<.038	
Dissipation Factor -D24/23	<.045	

**Product Description:** Acculam® Phenolfab XX/XXX - Laminate sheet comprised of a phenolic resin and a high alpha saturating paper substrate. It qualifies to NEMA XX/XXX and MIL-I-24768/10/11.

**Typical Applications:** This material has excellent machining characteristics, low moisture absorption and excellent dimensional stability. It is used in switchgear, relay spacers, power transformer insulating applications as well as numerous mechanical areas.

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

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