

## Acculam® Phenolfab L / LE Product Data Sheet

Typical Properties	Typical Value	Units
<b>Physical Data</b>		
Specific Gravity	1.35	---
Water Absorption -.125"	<1.3	%
Temperature Index	125 / 257	°C / °F
Rockwell Hardness	105	M scale
Bond Strength	1600 / 843	lbs / kgs
Flexural Strength -LW -A -.125"	>16,500 / 114	PSI / MPa
Flexural Strength -CW -A -.125"	>14,500 / 100	PSI / MPa
Izod Impact Strength -LW	>1.25	ft-lbs / in
Izod Impact Strength -CW	>1.00	ft-lbs / in
Compressive Strength -Flatwise	>37,000 / 255	PSI / MPa
<b>Electrical Data</b>		
Dielectric Breakdown -A	>40	kV
Dielectric Breakdown -D48/50	>3.0	kV
Permittivity A	<5.80	
Permittivity -D24/23	N/A	
Dissipation Factor -A	<.055	
Dissipation Factor -D24/23	<.070	

**Product Description:** Acculam® Phenolfab L/ LE - Laminate sheet comprised of a phenolic resin and a woven linen (cotton) substrate. This material qualifies to NEMA L/LE and MIL-I-24768/13/15.

**Typical Applications:** This materials good moisture resistance and machining characteristics allow its use in a wider range of electrical and structural applications than XX Grades. Its finer weave fabric also allows thinner thickness to be produced than C and CE Grades.

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

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