



Acculam[®] Phenolfab Canvas C, CE Product Data Sheet

Product Description

Acculam[®] Phenolfab C/ CE is a laminate sheet comprised of a phenolic resin binder and woven canvas (cotton) substrate. It qualifies to NEMA C & CE and MIL-I-24768/14/16.

Typical Applications

This material is characterized by good mechanical properties and toughness. It has higher impact strength than NEMA XX grades. Its good machining qualities, moisture resistance and excellent wear resistance can be used in a wide variety of applications.

Typical Properties

Typical Value

Units

Physical Data

Specific Gravity/Density	1.36	g/cm ³
Water Absorption -.125"	< 1.6	%
Temperature Index	125 \ 257	°C \ °F
Rockwell Hardness	105	M scale
Bond Strength	1800 \ 817	lbs \ kgs
Flexural Strength-LW-A-.125"	> 17,000 \ 117	PSI \ MPa
Flexural Strength-CW-A-.125"	> 16,000 \ 110	PSI \ MPa
Izod Impact Strength-LW	> 1.60	ft-lbs/in
Izod Impact Strength-CW	> 1.40	ft-lbs/in
Compressive Strength-Flatwise	> 39,000 \ 270	PSI \ MPa

Electrical Data

Dielectric Breakdown-A	> 35	kV
Dielectric Breakdown-D48/50	> 2.5	kV

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