



Acculam® Phenolfab Canvas CYB Product Data Sheet

Product Description

Acculam® Phenolfab CYB is a laminate sheet comprised of a phenolic resin binder and woven canvas (cotton) substrate with graphite added to enhance self-lubrication.

Typical Applications

This material is characterized by good mechanical properties and toughness. It has similar mechanical properties to C/CE, but is not intended for applications requiring electrical insulating properties. It has good machining qualities and wear resistance.

<u>Typical Properties</u>	<u>Typical Value</u>	<u>Units</u>
Physical Data		
Specific Gravity	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

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