



Acculam® Phenolfab Canvas CYBS

Product Data Sheet

Product Description

Acculam® Phenolfab CYBS 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. It is not intended for applications needing electrical resistance. It has good machining qualities and good wear resistance

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 |

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



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