

Acculam® Phenolfab CYBS Product Data Sheet

| Typical Properties | Typical Value | Units |
|------------------------------------|----------------|-------------------|
| 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 |

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.

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

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