

Acculam™ Phenolfab Canvas CYBS

Phenolic

Accurate Plastics, Inc.

Message:

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.

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.

General Information			
Filler / Reinforcement	Cotton		
Additive	Graphite Powder Lubricant		
Features	Good Toughness		
	Good Wear Resistance		
	Lubricated		
	Machinable		
Uses	Laminates		
	Sheet		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm ³	ASTM D792
Water Absorption (24 hr, 3.18 mm)	< 1.6	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Flexural Strength			ASTM D790
3.18 mm ¹	> 110	MPa	
3.18 mm ²	> 117	MPa	
Compressive Strength ³	> 269	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-- ⁴	> 75	J/m	
-- ⁵	> 85	J/m	
Thermal	Nominal Value	Unit	
Temperature Index	125	°C	
Bond Strength	820000	g	
NOTE			
1.	CW-A		
2.	LW-A		

3.	Flatwise
4.	CW
5.	LW

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Recommended distributors for this material

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