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/cm³	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

Recommended distributors for this material

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