

Acculam™ Phenolfab Canvas C/CE

Phenolic

Accurate Plastics, Inc.

Message:

Acculam® Phenolfab C/ CE is a laminate sheet comprised of a phenolic resin binder and woven canvas (cotton) substrate. It qualifies to NEMA C & CE and MIL-I-24768/14/16.

This material is characterized by good mechanical properties and toughness. It has higher impact strength than NEMA XX grades. Its good machining qualities, moisture resistance and excellent wear resistance can be used in a wide variety of applications.

General Information			
Filler / Reinforcement	Cotton		
Features	Good Impact Resistance Good Toughness Good Wear Resistance Machinable Moisture Resistant		
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	> 270	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	
Dielectric Breakdown			
A	> 35000	V	
D48/50	> 2500	V	
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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