

Acculam™ Epoxyglas Cowskin™

Epoxy; Epoxide
Accurate Plastics, Inc.

Message:

Acculam® Epoxyglas Cowskin™ - Laminate sheet comprised of an epoxy resin binder, woven glass substrate and tough outer skins for improved surface wear resistance.

This material has high mechanical strength in both dry and wet conditions. It is engineered as a carrier material in the polishing of hard disc drives and silicone chips. Its tough outer skins protect against exposing abrasive glass fibers and extend normal carrier life by more than five times.

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Features	High strength		
	Good wear resistance		
	Good toughness		
Uses	Laminate		
	Sheet		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.85	g/cm ³	ASTM D792
Water Absorption (24 hr, 3.18 mm)	< 0.10	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Flexural Strength			ASTM D790
3.18 mm ¹	> 345	MPa	ASTM D790
3.18 mm ²	> 448	MPa	ASTM D790
Compressive Strength ³	415	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-- ⁴	> 430	J/m	ASTM D256
-- ⁵	> 530	J/m	ASTM D256
Thermal	Nominal Value	Unit	
Temperature index	140	°C	
Bond Strength	> 1.0E+6	g	
Additional Information	Nominal Value	Unit	
Standard Sheet Size (LxW): 36.00 x 48.00 inStandard Thickness Range: 0.025 to 0.250 in			
NOTE			
1.	CW-A		
2.	LW-A		

3.	Flatwise
4.	CW
5.	LW

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

