



## Acculam<sup>®</sup> Epoxyglas, *Cowskin*<sup>™</sup> Product Data Sheet

### **Product Description**

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

### **Typical Applications**

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

### **Typical Properties**

#### **Physical Data**

<b><u>Typical Properties</u></b>	<b><u>Typical Value</u></b>	<b><u>Units</u></b>
Specific Gravity/Density	1.85	g/cm <sup>3</sup>
Water Absorption -.125"	< .10	%
Temperature Index	140 \ 284	°C \ °F
Rockwell Hardness	110	M scale
Bond Strength	> 2,200 \ 1,000	lbs \ kgs
Flexural Strength-LW-A-.125"	> 65,000 \ 448	PSI \ MPa
Flexural Strength-CW-A-.125"	> 50,000 \ 345	PSI \ MPa
Izod Impact Strength-LW	> 10	ft-lbs/in
Izod Impact Strength-CW	> 8	ft-lbs/in
Compressive Strength-Flatwise	> 60,000 \ 415	PSI \ MPa
Standard Sheet Size -Width	36.00 \ 915	Inches \ mm
-Length	48 \ 1220	Inches \ mm
Standard Thickness -Range	.025 to .250	Inches
	.635 to 6.35	mm
Standard Color	Colorless skins on natural core	

*Accurate provides this data as information only and does not imply any warranty for its use or application.*