



## Acculam® Epoxyglas WR wear resistant, aka Cowskin™ Product Data Sheet

### Product Description

Acculam® Epoxyglas WR Cowskin™ - 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. Engineered as a carrier material for the polishing of silicone chips, optical lenses, hard disc drives, etc. Its tough outer skins protect polished items and extend carrier wear life by more than five times.

### Typical Properties

### Typical Value

### Units

Specific Gravity	1.85	
Water Absorption-.125"	< 0.1	%
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 (LxW)	36 x 48 915 x 1220	Inches mm
Standard Thickness Range	.025 to .250 .635 to 6.35	Inches mm
Standard Color	colorless WR surface membranes on natural core	

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