



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	Inches
	915 x 1220	mm
Standard Thickness Range	.025 to .250	Inches
	.635 to 6.35	mm
Standard Color	colorless WR surface membranes on natural core	

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