



Importers • Distributors • Industrial Laminates • Insulating Materials

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Econoplas[®] Grade C

Econoplas[®] Grade C is a high pressure industrial laminate manufactured from a medium weight cotton duck, saturated with a thermosetting phenolic resin. This material is heat cured and laminated under high pressure and to produce a dense composite material with good mechanical strength and impact resistance. **Grade C** is recommended for a wide variety of mechanical parts including gears, pinions, pulleys and other structural parts.

Availability:

Sheet Size: 40" x 80"

Color: Natural (Brown)

Thickness Range: 0.062" to 5"

Typical Properties

<i>Characteristic</i>	<i>Value</i>	<i>Characteristic</i>	<i>Value</i>
Specific Gravity	1.34	Rockwell Hardness, M Scale	102
Flexural Strength, psi		Water Absorption, %	
Lengthwise	17,000	0.062" thick.	2.1
Crosswise	16,000	0.125" thick	1.5
Compressive Strength, psi		0.500" thick	0.7
Flatwise	35,000	Dielectric Strength, Kv	
Bond Strength, lbs	1800	As Rec'd	15
Izod Impact Strength, ft-lb/inch		D-48/50	
Lengthwise	2.00	Max Operating Tempt, °F	250
Crosswise	1.80		