

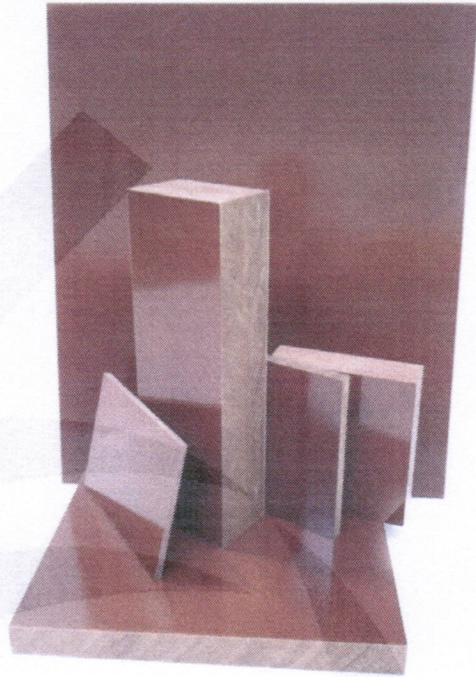


DATA SHEET

SHCB - 3025

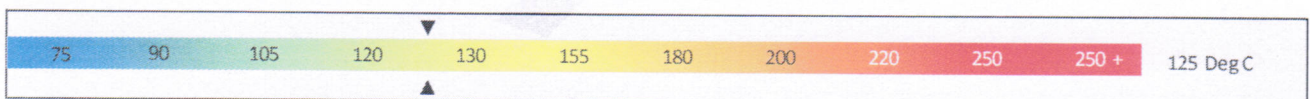
SHEET - PHENOLIC COTTON CLOTH LAMINATED - MEDIUM WEAVE

3025: Medium weave cotton phenolic laminate for general purpose usage. Suitable for gears, bearings and low tension electrical applications. Lightweight and easy to machine.



SHEETS

PROPERTIES	UNITS	3025
Flexural strength Perpendicular to Lamination \geq	MPa	100
Notch impact strength parallel to lamination charpy \geq	Kj/m ²	8.8
Bonding strength	-	5500
Dielectric strength	0.82	2.0 1.5-2mm
Perpendicular to lamination (in oil 90 \pm 2 $^{\circ}$ C) \geq		
Breakdown voltage parallel to lamination (in oil 90 \pm 2 $^{\circ}$ C) \geq	KV	1
Relative dielectric coefficient \leq	-	-
Insulation resistance after impregnated in water \geq	Ω	1x10 ⁶
Water absorption 1 mm \leq	Mg	206
Colour	-	Natural or Black
Reference standard	-	JB/T 8149-2000



Temperature Index