



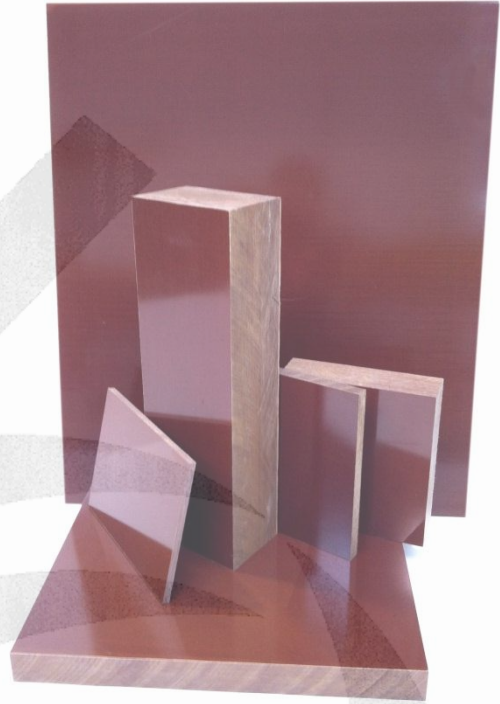
# DATA SHEET

SHEETS

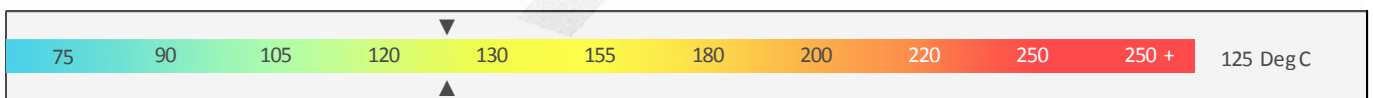
## SHCB - 3025

**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.**



PROPERTIES	UNITS	3025
Flexural strength Perpendicular to Lamination $\geq$	MPa	100
Notch impact strength parallel to lamination charpy $\geq$	Kj/m <sup>2</sup>	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 $\geq$	$\Omega$	1x10 <sup>6</sup>
Water absorption 1 mm $\leq$	Mg	206
Colour	-	Natural or Black
Reference standard	-	JB/T 8149-2000



Temperature Index