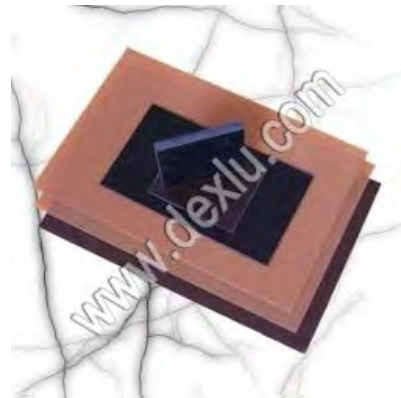


Phenolic Paper Laminate Sheet



Dexlu Item No.: D040101

Properties

Phenolic Paper Laminated Sheets are made of electric insulating craft paper impregnated with phenolic resin by processing under heat and pressure, which are widely used in high mechanical properties electrical and mechanical devices.

Data Form

Phenolic Paper Laminated Sheet (Similar to NEMA X/XX/XXX/XP/XPC)		
Properties	Unit	Value
Flexural strength perpendicular to laminations	MPa	≥ 120
Bonding strength (≥ 10 mm in thickness)	N	≥ 3200
Insulation resistance after immersion in water (D-24/23)	Ω	$\geq 1.0 \times 10^7$
Dielectric strength perpendicular to laminations (in $90 \pm 2^\circ\text{C}$ transformer oil, 1 mm in thickness)	MV/m	≥ 12.1
Breakdown voltage parallel to laminations (in $90 \pm 2^\circ\text{C}$ transformer oil)	KV	≥ 20
Permittivity (1MHz)	—	≤ 5.5
Dissipation factor (1MHz)	—	≤ 0.05
Density	g/cm ³	1.4
Water absorption (D-24/23, 1.6mm in thickness)	mg	≤ 182
Color	—	Natural Chocolate

Specification

Area: 1030mm x 1230mm (40" x 48"), 1030mm x 2040mm(40" X 80")

Packing: In Pallet

Min Qty: 1000kg each size in a lot.

Thickness: 0.5mm~50mm, thickness over 50mm is also available, please contact our sales for the detail information.

Note: The values noted in above technical specification are given only for our customers' reference and should not be used in writing specifications.