

Phenolic Cotton Cloth Laminate Sheet



Dexlu Item No.: D040201

Properties

Phenolic Cotton Cloth Laminated Sheets are made of several layers of cotton cloth impregnated with phenolic resin by processing under heat and pressure, which are widely used in High mechanical properties, machined as insulating construction parts.

Data Form

Phenolic Cotton Cloth Laminated Sheet (Similar to NEMA C/CE/L/LE)		
Properties	Unit	Value
Flexural strength perpendicular to laminations	MPa	≥100
Bonding strength (≥10mm in thickness)	N	-
Impact strength parallel to laminations (Charpy)	KJ/m ²	≥8.8
Insulation resistance after immersion in water (D-24/23)	W	≥1×10 ⁶
Dielectric strength perpendicular to laminations (in 90±2°C transformer oil, 1 mm in thickness)	MV/m	≥0.82
Breakdown voltage parallel to laminations (in 90±2°C transformer oil)	KV	≥1
Density	g/cm ³	1.40
Water absorption (D-24/23, 1.6mm in thickness)	mg	≤220
Color	—	Natural

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.