

Epoxy-Phenolic Glass Cloth Laminate Sheet (3240)



Dexlu Item No.: D040301

Properties

Epoxy-phenolic glass cloth laminated sheet (3240), with high mechanical and electrical properties, can be applied to generators, motors and electrical appliances as insulating structural parts and used in transformer oil and humid environment.

Data Form

Epoxy-Phenolic Glass Cloth Laminated Sheet		
Properties	Unit	Value
Flexural Strength perpendicular to laminations	Mpa	A: under normal conditions ≥340
		E-1/15: 150±5°C -
Impact Strength parallel to laminations (Charpy)	KJ/m ²	≥33
Insulation Resistance after immersion in water (D-24/23)	Ω	≥5.0×10 ⁸
Dielectric strength perpendicular to laminations (in 90±2°C transformer oil, 1 mm in thickness)	MV/m	≥14.2
Breakdown voltage parallel to laminations (in 90±2°C transformer oil)	KV	≥35
Permittivity (50Hz)	-	≤5.5
Permittivity (1MHz)	-	≤5.5
Dissipation Factor (50Hz)	-	≤0.04
Dissipation Factor (1MHz)	-	≤0.04
Water Absorption (D-24/23, 1.6mm in thickness)	mg	≤19
Density	g/cm ³	1.85
Flammability	-	-
Color	-	Nature

Specification

Area: 1020mm x 1220mm (40" x 48"), 1020 x 2040mm(40" X 80"), 980mm x 1980mm

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.