

DATA SHEET



3240 EPOXY PHENOLIC GLASS FABRIC LAMINATED SHEET

Description

Epoxy phenolic glass cloth laminated sheet is made of alkali-free E-glass cloth impregnated

with epoxy resins and phenolic resins by processing under heat and pressure.

This product having high mechanical and dielectric properties, fine heat and humidity

resistance, can be used in electrical machine and devices as insulating construction

parts in moist circumstances and in transformer oil

3240 Epoxy Phenolic Glass Fabric Laminated Sheet possess high mechanical

and electrical properties, can be applied to motors, generators and electrical

appliances as insulating structure parts as well as,

used in transformer oil and humid environment

Features

● Class F insulation (155°C)

● Excellent mechanical strength, high dielectric properties, low water absorption

● High thermal operating temperature

Applications

As insulating structure parts for different electrical machines and appliances

Used in transformer oil and other humid environment

Performance : High mechanical and dielectric properties, fine heat and humidity resistance, can be used in electrical machine and devices as insulating construction parts in moist circumstances and in transformer oil. The laminated sheets can be machined, punched, drilled, milled, swan, sanded, sheared or routed. Assembly by bonding, metas screws or rivets ara also possible.

Thickness: 0.5--100mm.

Size: 1020mm * 1220mm; 1020mm * 2020mm; 1220mm * 2440mm.

Items

Unit

Value

Density

g/cm³

1.7-1.9

Bending Strength

Mpa

≥340

Impact Strength parallel to laminations(Charpy)

KJ/M²

≥33

Impact Strength

KJ/M²

≥6

Loss factor (48-62)Hz

°C

≤5.5

Voltage endurance perpendicular to lamination, in oil 90±2°C

0.5-1mm

KV/mm

≥22

1.1-2mm

≥20

2.1-3mm

≥18