

Silicon Glass Cloth Laminate Sheet (G7)



Dexlu Item No.: D040306

Properties

Silicon Glass Cloth Laminated Sheet is made of several layers of glass cloth impregnated with silicon resin by processing under heat and pressure, the natural color is typically cream to white which has excellent heat and arc resistance. It can be used as a slot insulation in high temperature motor, arc clapboard in the switch and so on.

Data Form

Silicon Glass Cloth Laminated Sheet (Similar to NEMA G7)		
Properties	Unit	Value
Water Absorption	%	0.5
Flexural strength perpendicular to laminations	MPa	≥119.6
Impact Strength parallel to laminations (Charpy)	KJ/m ²	≥24.9
Breakdown voltage parallel to laminations (in 90±2°C transformer oil)	KV	25
Insulation Resistance parallel to laminations (after immersion in water)	Ω	≥1x 10 ⁸
Dissipation Factor (1MHz, after immersion in water)	---	0.07
Permittivity (1MHz, after immersion in water)	---	≤6

Specification

Area: 1000mm x 1000mm

Packing: In Pallet

Min Qty: 500kg each size in a lot.

Thickness: 0.5mm~30mm

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