

Unsaturation polyester glass mat laminated sheet (GPO3)



Dexlu Item No.: D040401

Properties

Unsaturation Polyester Glass Mat Laminated Sheet is made of several layers glass mat impregnated with unsaturation polyester resin by processing under heat and pressure, the natural color is typically red which has excellent arc and track resistance. It can be used as insulation part in motors, arc clapboard in the switches and so on.

Data Form

Unsaturation polyester glass mat laminated sheet (Similar to NEMA GPO3)		
Properties	Unit	Value
Density	g/m ³	1.81
Dielectric strength perpendicular to lamination	kV/mm	14
Dielectric strength parallel to lamination (in 90±2°C transformer oil)	kV	≥60
Dielectric strength parallel to lamination (in 20±2°C transformer oil)	kV	≥40
Volume resistivity	Ω	10 ¹¹ ~10 ¹²
Surface resistivity	Ω	5 x 10 ¹¹ ~10 ¹²
Permittivity (1MHz)	—	4.0~5.0
Dissipation Factor (1MHz)	—	0.035~0.045
Water Absorption	%	0.5~0.7
Flexural strength perpendicular to laminations	MPA	≥124
Arc resistance	s	≥180
PTI	V	600
Flammability	—	94V0

Specification

Area: 980mm x 1980mm 1020mm x 2040mm 1020mm x 1220mm

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.