



Epoxy Glass T889

GENERAL INFORMATION:

Manufactured from woven glass cloth and impregnated with epoxy resin it is laminated at elevated pressures and temperatures. The product displays excellent electrical and mechanical properties from cryogenic(-50°C) to elevated temperatures.

APPLICATIONS:

The material is used for magnetic conductivity. With high mechanical properties and heat resistance property. Used for magnetic slot and wedge of motors

TYPICAL PROPERTIES:

Electrical& Mechanical		Values
Impact Strength parallel to laminations(charpy)	Normal Conditions	33MPa
Flexural Strength	Normal Conditions	340MPa
Insulation resistance after immersion in water	D-24/23	
Surface resistance	Ω	
Breakdown voltage parallel to laminations. (In transformer oil @90±2°C)		
Permittivity(48-62Hz)		
Permittivity(1MHz)		
Dissipation factor(48-62Hz)		
Dissipation factor(1MHz)		
Water Absorption	D-24/23 1.6mm thick	
Density		1.70-1.90mg
Flammability	Class	
Physical		
Colour		grey
Standard Thickness		0.2mm-150mm
Sheet Size		1220×1020mm