

EPOXY BONDED FIBRE GLASS SHEET

(PRODUCT CODE - RMS21EF)

This is a strong rigid sheet material Consist of Fibre Glass Cloth and Epoxy resin as a binder cured under specific heat and pressure. It has excellent physical strength, heat resistance, moisture resistance and electrical properties. EBFGB based material can be used at temperatures up to 250-300° C.

APPLICATION

This is suitable for arc furnace, slot insulation in motors, high temperature washers in lifting magnets and DBR etc.

AVAILABILITY

Size (Standard):

1200 x 1000 mm
600 x 1000 mm

Thickness:

1 - 75.0 mm

TECHNICAL DATA

Material :

Fibre Glass Cloth	%	70 ± 5
Epoxy	%	30 ± 5

Mechanical :

Density	g/cm ³	1.85 ± 0.5
Tensile Strength	MPa	> 150
Flexural Strength	MPa	> 230
Compressive Strength	MPa	> 400

Electrical :

Dielectric Strength	Kv/mm	> 30
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Thermal :

Operating Temperature	° C	250 - 300
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Other :

Weight Loss	%	< 0.5
Water Absorption	%	< 0.1

The data is from tests in our works and does not constitute a specification. No liability shall be implied or assumed from any data given.

Quality Assurance at all stages ensures very high standards.

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