

VOTAFIX® NGB 2268

Description:

VOTAFIX® NGB 2268 is a three-ply resin rich material consisting of glass fleece - Nomex¹ - glass fleece, impregnated with a thermosetting epoxy resin.

Properties:

VOTAFIX® NGB 2268 shows good electrical strength combined with high compressive strength.

Application:

E. g. as a reinforcing insulation under the offset positions of the conductors in roebel bars.

Materials:

VOTAFIX® NGB 2268 is a three-ply resin rich material consisting of glass fleece – Nomex¹ - glass fleece, impregnated with a thermosetting epoxy resin.

Attention! Notice machine direction! (Maximum strength against pressing through is aligning machine direction with orientation of Nomex Fibres.)

Formats:

Sheets: approx. 2000 x 900 mm or
1000 x 900 mm

VOTAFIX® NGB 2268 will be supplied with release film.

Storability:

min. 6 months at 20° C
min. 12 months at 5° C

Processing recommendations:

VOTAFIX® NGB 2268 can be easily cut with hammer shears or punching machines.

Pressing conditions:

For preconsolidation of roebel bars 20 minutes at 160° C.

¹ NOMEX is a registered trademark of DU PONT

Technical Data

VOTAFIX® NGB 2268			
Properties	Test method	Unit	Value
Nominal thickness		mm	1.1 ± 0.1
Total substance	IEC 371	g/m ²	853 ± 85
Glass fleece	IEC 371	g/m ²	60 ± 6
Nomex	IEC 371	g/m ² mm	248 ± 18 0.250
Glass fleece	IEC 371	g/m ²	60 ± 6
Resin content	IEC 371	g/m ²	485 ± 50
Breakdown voltage	IEC 371	kV	≥ 8
Thickness after pressing (20 min 160° C 1N/mm ²)		mm	approx. 0.50