VOTAFIX® TGB 0941

Description:

VOTAFIX® TGB 0941 consists of one layer of rigid e-glass cloth covered on both sides with glass fleece impregnated with a thermosetting epoxy resin.

Properties:

The epoxy glass cloth in VOTAFIX® TGB 0941 has high compressive strength and high dielectric strength. The glass fleece on both sides is compressible and ideal for equalizing uneven parts when pressed.

Application:

VOTAFIX® TGB 0941 e. g. is used as a separator between the conductor rows of a roebel bar.

Materials:

VOTAFIX® TGB 0941 consists of one layer of rigid e-glass cloth covered on both sides with glass fleece impregnated with a thermosetting epoxy resin.

Formats:

Sheets: approx. 2000 x 1060 mm
1000 x 1060 mm
500 x 1060 mm

VOTAFIX® TGB 0941 is supplied interleaved.

Storability:

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

Pressing conditions:

For preconsolidation of roebel bars, 15 - 20 min. at 160° C and approx. 1N/mm².

ISOVOLTA AG
A-2355 Wiener Neudorf
Phone: +43/2236/605-0
Fax: +43/2236/605-477
electrical-insulation@isovolta.com
www.isovolta.com

A Constantia Iso AG company

Technical Data

VOTAFIX® TGB 0941				
Properties	**Test method**	**Unit**	**Value**	**Value**
Nominal thickness		mm	0.9 +0.2 –0.1	1.1 +0.2 –0.1
Total substance	IEC 371-2	g/m²	795 ± 80	840 ± 54
Weight of epoxy glass cloth	IEC 371-2	g/m²	125 ± 7	250 ± 12
Thickness of epoxy glass cloth	IEC 371-2	mm	0.13± 0.01	0.20 ± 0.02
Glass fleece	IEC 371-2	g/m²	2x 60 ± 6	2x 60 ± 6
Resin content	IEC 371-2	g/m²	550 ± 57	470 ± 30
Breakdown voltage	IEC 371-2	kV	≥ 6	≥ 6
Thickness after pressing	IEC 371-2	mm	0.28 ± 0.05	0.35 ± 0.05
Thermal classification	IEC 216	°C	155 (F)	155 (F)

ISOVOLTA AG
A-2355 Wiener Neudorf
Phone: +43/2236/605-0
Fax: +43/2236/605-477
electrical-insulation@isovolta.com
www.isovolta.com

A Constantia Iso AG company