

B-STAGED RESIN RICH OVERHANG TAPE

Epoxy-micapaper-glasscloth-PETP film combination

Composition

Calmicaflex PE2 (I) is a four-ply insulating material consisting of glass cloth as a carrier, mica paper impregnated with a flexible epoxy resin and a PETP film on both sides of the tape.

Properties

Calmicaflex PE2 (I) is a highly flexible insulating tape compatible with epoxy and polyester resin systems. It remains to some extent flexible after curing.

Application

Calmicaflex PE2 (I) is specially suitable for the taping of the overhangs and connections of low and high voltage machine coils which have small bends.

Technical Information

Endwinding Insulation

CalmicaflexPE2(I)

Technical Data

Properties Nominal Thickness

	Unit	Value
Tolerance	Mm	0.15
Total substance	mm	± 0.03
Glass cloth	g/m ²	255 ± 15
Mica paper	g/m ²	36 ± 3
PETP-film Resin content	g/m ²	120 ± 12
Tensile Strength	g/m ²	1X16±2
Breakdown voltage	g/m ²	+1X16±2
In air and at ambient temp.	N/10mm	65 ± 10

Curing conditions

3 hours at 160 ° C or 6 hours at 140 ° C. 5 min.

Shelf Life Min. 6 months at 20 ° C

Min. 12 months at 5 ° C.

Availability

Tapes:

Standard widths:

Standard length:

from 10 mm width upwards
15,20 and 25 mm

50 m