

CALMICA-FLEX® SI 2726

Composition:

CALMICA-FLEX® SI 2726 consists of mica paper with aramide fibre content; impregnated with silicon resin and glass cloth as a carrier.

Properties

The insulation with CALMICA-FLEX® SI 2726 shows good taping properties and very high thermal stability. It remains flexible also after heat treatment.

CALMICA-FLEX® SI 2726 is compatible with solvent free silicon impregnating resins.

Application:

E. g. for endwinding insulation in high voltage machines of thermal classification 180 (H).

For conductor and main insulation of rotor windings as well as for pole coils and connections in traction motors up to thermal classification 200 (C).

CALMICA-FLEX® SI 2726 is usable without or in combination with an impregnation process with silicon resin.

Formats:

Rolls: max. width 1000 mm

Tapes: from 0.10 mm width upwards

Storability:

min. 24 months at 20° C

min. 48 months at 5° C

Technical Data

CALMICA-FLEX® SI 2726				
Properties	Test method	Unit	Value	Value
Nominal thickness		mm	0.10	0.16
Tolerance	IEC 371	g/m ²	+ 0.03 – 0.02	+ 0.03 – 0.02
Total substance	IEC 371	g/m ²	132 ± 11	188 ± 16
Mica paper	IEC 371	g/m ²	80 ± 8	120 ± 10
Glass cloth	IEC 371	g/m ²	24 ± 1	33 ± 3
Silicon resin	IEC 371	g/m ²	28 ± 5	35 ± 4
Tensile strength	IEC 371	N/10mm	≥ 80	≥ 120