

CONDUCTOFOL® 2371

Description:

Flexibel calcined mica paper tapes with modified epoxy resin and a PET-film on both sides. Thermal classification 155 (F).

Properties:

CONDUCTOFOL® 2371 is a flexible mica tape, which shows excellent workability because of the PET-film on both sides.

Application:

CONDUCTOFOL® 2371 is used for the insulation of rectangular wires for windings of low and high voltage machines.

Materials:

CONDUCTOFOL® 2371 consists of muscovite mica paper impregnated with modified epoxy resin, both sides covered with PET-film.

Formats:

Rolls: max. 1000 mm wide
Tapes: from 6 mm width upwards
Standard width 9, 12, 15, 20 mm

Storability:

min. 24 months at 20° C
min. 48 months at 5° C

Technical Data



CONDUCTOFOL® 2371				
Properties	Test method	Unit	Value	Value
Nominal thickness		mm	0.08 ± 0.01	0.10 ± 0.01
Total substance	IEC 371-2	g/m ²	112 ± 10	141 ± 10
PET-film	IEC 371-2	g/m ²	8 ± 1	8 ± 1
		mm	0.006	0.006
Mica paper	IEC 371-2	g/m ²	50 ± 2	75 ± 8
PET-film	IEC 371-2	g/m ²	42 ± 4	42 ± 4
		mm	0.030	0.030
Resin content	IEC 371-2	g/m ²	12 ± 2	16 ± 2
Breakdown voltage	IEC 371-2	kV	≥ 7	≥ 7
Tensile strength	IEC 371-2	N/10mm	≥ 45	≥ 45
Thermal classification	IEC 216	°C	155 (F)	155 (F)