

FEINMICAGLAS[®] 2128

Description:

FEINMICAGLAS[®] 2128 is a four-ply insulation tape consisting of mica paper, unidirectional glass threads as longitudinal reinforcement and PET-film on both sides of the tape.

Properties:

FEINMICAGLAS[®] 2128 is highly flexible. This flexibility allows to be tightly applied to small bends and difficult shapes.

Application:

FEINMICAGLAS[®] 2128 is specially suitable for the taping of the overhangs and connections of low or high voltage machines coils which have small bends.

Materials:

FEINMICAGLAS[®] 2128 is a four-ply insulation tape consisting of mica paper, unidirectional glass threads as longitudinal reinforcement and PET-film on both sides of the tape.

A special modified acrylic resin is used as a binder.

Formats:

Rolls: max. width 980 mm

Tapes: from 10 mm width upwards

Standard width: 15, 20 and 25 mm

Storability:

At normal storage conditions (20° C, 50 % r. h. FEINMICAGLAS 2128 generally have an unlimited shelf life. However, for greatly extended storage periods there could be a tendency for a slight loss of pliability.

Page 1 of 1 All information given here is based on currently ISOVOLTA AG E FEINMICAGLAS 2128 available facts and on the results of experiments A-2355 Wiener Neudorf Created on 17/11/2003 performed with all due care in our laboratories. Phone: +43/2236/605-0 It does not in any way reduce the responsibility Fax: +43/2236/605-477 of the user for carrying out further tests in order to electrical-insulation@isovolta.com ensure successful processing and use in specific www.isovolta.com applications. A Constantia Iso AG company

Technical Data FEINMICAGLAS [®] 2128				
Properties	Test method	Unit	Value	Value
Nominal thickness	mm		0.13	0.15
Tolerance	IEC 371	mm	± 0.02	± 0.02
Total substance	IEC 371	g/m ²	161 ± 15	213 ± 16
PET-film	IEC 371	g/m ²	8 ± 1	8 ± 1
mm		6		6
Mica paper	IEC 371	g/m ²	75 ± 8	120 ± 8
Glass threads	IEC 371	g/m ²	18 ± 2	18 ± 2
PET-film	IEC 371	g/m ²	17 ± 2	17 ± 2
mm		12		12
Resin content	IEC 371	g/m ²	43 ± 4	50 ± 5
Breakdown voltage	IEC 371	kV	≥ 6	≥ 8
Tensile strength	IEC 371	N/10mm	≥ 100	≥ 100
Thermal classification	IEC 216	°C	155 (F)	155 (F)