

DEGLAS® FG 2949

Composition:

DEGLAS® FG 2949 consists of glass cloth coated with a modified polyester resin.

Properties:

DEGLAS® FG 2949 is a very flexible material of thermal classification 180° C (H) with excellent mechanical properties like high tensile strength combined with high electrical resistance.

The smooth surface of DEGLAS® FG 2949 allows a trouble free manufacture.

Applications:

DEGLAS® FG 2949 can be used in all electrical applications where high dielectric strength is required. Mainly DEGLAS® FG 2949 is used as phase insulation in the production of low and medium voltage motors.

Besides this DEGLAS® FG 2949 is used as interlayer insulation in transformers and other electrical machines and applications.

Shelf Life

DEGLAS® FG 2949 can be stored unlimited under normal conditions (20°C, 50% r. h.).

Formats:

Sheets: on request
Rolls: max. untrimmed width 39.37 inches
Tapes: from 0.4 inches width upwards

Technical Data

DEGLAS® FG 2949							
Properties	Test-method	Unit	Value	Value	Value	Value	Value
Composite			4 / 7	4 / 10	7 / 10	7 / 15	9 / 15
Composite thickness	ASTM D 374	inches	0.007	0.010	0.010	0.015	0.015
Product yield	ASTM D 202	lb/yd ²	0.42	0.60	0.64	0.88	0.98
		yd ² /lb	2.38	1.65	1.57	1.14	1.02
Construction: Glass cloth base		inches	0.004	0.004	0.007	0.007	0.09
Thermal classification	UL 1446	°C	180				
Colour			yellow				