

CALMICAGLAS[®] 4800

Composition

CALMICAGLAS[®] 4800 is a two-ply product consisting of calcined muscovite mica paper reinforced on one side with a glass cloth. The binder is a thermosetting epoxy resin.

Application

CALMICAGLAS[®] 4800 is used for the insulation of bars and coils, which are cured in a hot press. CALMICAGLAS[®] 4800 is suitable for motors and generators operating at high voltage with temperatures of 155C (Class F).

Availability

Rolls: 1/2" to 38" width

Storability

Minimum 12 months at 40° F (4° C)

All information given here is based on currently available facts and on the results of experiments performed with all due care in our laboratories. It does not in any way reduce the responsibility of the user for carrying out further tests in order to ensure successful processing and use in specific applications.

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TECHNICAL DATA

Properties	Test Method	Unit	Nominal Value
Thickness	ASTM D374	mil	7.0
		mm	0.18
Resin Content		wt. %	41.5
Mica Paper Content		g / ft ²	10.4
		g / m ²	112
Mica Paper Thickness		mil	3.0
		mm	0.08
Glass Cloth Thickness		mil	2.0
		mm	0.051
Tensile Strength	ASTM D828	lb / in	≥ 80
		N / cm	≥ 140
Dielectric Strength	ASTM D149	V / mil	≥ 750
		kV / mm	≥ 29.5

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