



POROVOLIES[®] 3301

Composition

POROVOLIES[®] 3301 is a two-ply product consisting of a large-flake uncalcined muscovite mica paper reinforced on one side with a polyester mat. The binder is a modified epoxy resin.

Application

POROVOLIES[®] 3301 is used for continuous insulation of coils and bars of low and high voltage machines as well as interlayer insulation in dry type transformers, if vacuum pressure impregnation is used.

Availability

Rolls: 1/2" to 38" width

Storability

Minimum 24 months

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	7.5
		mm	0.19
Resin Content		wt. %	15
Mica Paper Content		g / ft ²	13.0
		g / m ²	140
Polyester Mat Thickness		mil	3.0
		mm	0.076
Mica Paper Thickness		mil	3.4
		mm	0.086
Tensile Strength	ASTM D828	lb / in	≥ 13
		N / cm	≥ 22.8
Dielectric Strength	ASTM D149	V / mil	≥ 250
		kV / mm	≥ 9.8

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