

Electrical insulation material

3M™ CeQUINBOARD™ CGA | FI 15113

Description: 3M™ CeQUINBOARD™ CGA | FI 15113 is an inorganic insulating board, primarily composed of glass fibers and microfibers, inorganic fillers and organic binders.

Properties: 3M™ CeQUINBOARD™ CGA | FI 15113 exhibits exceptional thermal and dielectric stability for high temperature electrical applications as well as good thermal conductivity. 3M™ CeQUINBOARD™ CGA | FI 15113 can be easily impregnated and is fully compatible with standard varnishes and resins.

Application: 3M™ CeQUINBOARD™ CGA | FI 15113 can be used for dry type transformers as ground, barrier, spacer sticks, core tubes, pads and end fills. Other applications are spiral and convulsive wound tubing, traction motors and generators, switchgears, flame barrier applications, heat sinks and specialty gaskets.

Storage conditions: 3M™ CeQUINBOARD™ CGA | FI 15113 lasts for 5 years from date of manufacture if stored at 10-27°C, <75% relative RH.

Dr. Dietrich Müller GmbH

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Properties	Testmethod	Unit	Value					
			0,8	1,6	2,4	3,2	4,8	6,4
Nominal Thickness	D-645	mm	0,8	1,6	2,4	3,2	4,8	6,4
Basis weight	D-202	kg/m ²	0,88	1,81	2,6	3,52	5,18	6,64
Tensile strength, lengthwise	D-828	N/cm	96	140	228	333	376	420
Elongation at break, lengthwise	D-828	%	<2	<2	<2	<2	<2	<2
Dielectric strength	D-149	kV	4,5	12	14	20	24	28
Moisture absorption	D-644	%	<1	<1	<1	<1	<1	<1

Trademark information: CeQUINBOARD™ is a registered trademark of 3M™ Co., USA.

Please note:

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and the user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.