

electrical insulation material

3M™ LFTi HD | FI 15294

Description: 3M™ LFTi HD | FI 15294 is a liquid filled transformer high density board insulation.

Properties: 3M™ LFTi HD | FI 15294 meets high performance requirements of high temperature with excellent thermal stability, offers low moisture absorption, high thermal conductivity and long term reliability.

Application: 3M™ LFTi HD | FI 15294 is used in liquid filled transformers.

Delivery forms: 3M™ LFTi HD | FI 15294 is available in a thickness of 0,76 – 3,05 mm. It can be delivered as a sheet or customized cut. Other delivery forms upon customer request.

Properties	Testmethod	Unit	Value			
			0,76	1,52	2,29	3,05
Nominal thickness	D-645	mm	0,76	1,52	2,29	3,05
Basis weight	D-202	g/m ²	1574	2443	3421	4778
Tensile strength, MD	D-828	N/cm	333	697	656	788
Tensile strength, CD	D-828	N/cm	130	189	200	364
Elongation to break, MD	D-828	%	4,6	4,6	5,6	3,2
Elongation to break, CD	D-828	%	3,5	3,3	3,2	3,7
Compressibility at 3000 psi	D-3392	%	21	20	13	15

Dr. Dietrich Müller GmbH

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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.

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