

## electrical insulation material

### 3M™ LFTi LD | FI 15292

**Description:** 3M™ LFTi LD | FI 15292 is a liquid filled transformer low density board insulation.

**Properties:** 3M™ LFTi LD | FI 15292 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 LD | FI 15292 is used in liquid filled transformers.

**Delivery forms:** 3M™ LFTi LD | FI 15292 is available in a thickness of 0,76 – 4,57 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	4,57
Nominal thickness	D-645	mm	0,76	1,52	2,29	3,05	4,57
Basis weight	D-202	g/m <sup>2</sup>	780	1710	2498	3175	4985
Tensile strength, MD	D-828	N/cm	103	235	400	452	635
Tensile strength, CD	D-828	N/cm	42	107	193	214	371
Elongation to break, MD	D-828	%	2,2	3,1	3,5	4,1	4,9
Elongation to break, CD	D-828	%	3,0	3,4	3,6	4,5	4,8
Compressibility at 3000 psi	D-3392	%	47	46	42	44	40

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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