

Flexible insulation laminates NMN 130

PRODUCT DESCRIPTION

DyTerm® N411/5D is a three plies laminate composed of 2 layers of uncalendered Nomex® T411 aramid paper 130 microns thick (5mils) coupled with a polyester film.

PROPERTIES AND CERTIFICATIONS

DyTerm® N411/5D is a flexible material suitable for systems in thermal class H 180°C (UL file number E209645) combining excellent characteristics, such as high dielectric strength, high thermic resistance and superior mechanical properties. Thermal characteristics reach the highest level thanks to the usage of a special adhesive in class H 180°C.

APPLICATIONS

Thanks to the structure of the Nomex® T411, DyTerm® N411/5D is particularly suitable where a good impregnation with varnishes is needed, for examples as phase insulation in rotating machines.

FORMATS

Master rolls width is 965mm untrimmed.

Other formats available upon request.

Properties	UM	Tolerance	Coveme material name						Test method
			N411 5/D 23	N411 5/D 36	N411 5/D 50	N411 5/D 75	N411 5/D 100	N411 5/D 125	
Total thickness	mm	± 15%	0,28	0,30	0,32	0,35	0,37	0,40	IEC 626
Film Thickness	µm	± 10%	23	36	50	75	100	125	IEC 626
Weight	g/m²	± 12%	135	155	170	205	240	280	IEC 626
Yield	m²/Kg	±12%	7,4	6,5	5,9	4,9	4,2	3,6	IEC 626
Tensile strength M.D.	N/cm	min	45	60	75	100	120	140	IEC 626
Elongation M.D.	%	min	7	7	7	7	7	7	IEC 626
Breakdown voltage	kV	min	4	5	6	9	10	12	IEC 626

The values given are average values and not specifications

DyTerm® N411/5D is UL approved file n° E209645

DyTerm® is a Coveme trademark

Nomex® is a Du Pont trademark

Coveme spa is UNI EN ISO 9001-2008 and ISO 14001 certified
Coveme spa is UL TE0U2 Repackaged Recognized Components certified
(file nr E351391)



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