

GENERAL

LAMICATHERM-H211-18 is manufactured using calcined muscovite mica paper with modified class H multifunctional epoxy resin as a binder.

APPLICATION

Lamicatherm-H211-18 is used to insulate slot portion of coils of medium & high voltage class H motors & Generators.

PROPERTIES AND CHARACTERISTICS:

Characteristic	Unit	211 - 18	Test Method
Thickness	mm	0.18 ± 03	IEC - 60371-2
Total Weight	g/m ²	265 ± 26	IEC - 60371-2
Mica Paper	g/m ²	120 ± 8	IEC - 60371-2
Glass Fabric	g/m ²	35 ± 3	IEC - 60371-2
Resin Content	g/m ²	110 ± 15	IEC - 60371-2
Breakdown Voltage	KV/mm	≥ 35	IEC - 60371-2
Volatile	%	≤ 0.8	IEC - 60371-2
Tensile Strength	N/m	≥ 140	IEC - 60371-2
Compression Ratio	%	17 ± 6	IEC - 60371-2

SUPPLY:

LAMICATHERM H 211-18 is supplied in as folium 1000 mm or in tape form of standard widths of 20mm and 25mm with interleaving polyethylene film.

The standard length of the folium is 100 mtrs and of the tape is 50 mtrs, tape supplied in 55mm ID polypropylene spools. Standard length of Roll is 50mtrs.

STORAGE & HANDLING INSTRUCTIONS:

LAMICATHERM H 211-18 tapes must be kept under refrigerated condition & must be exposed to the ambient temperature (outside the polystyrene packing) for at least 6 hours prior to use. Otherwise water condensation can accumulate on the material resulting in unsatisfactory insulation.

SHELF LIFE

At standard temperature of 23 ± 5°C - 06 months

At refrigerated storage of 05°C - 12 months.

JOINTS:

Generally the tapes are supplied without joints. However 20% of the rolls may be supplied with one joint.

WORK HYGIENE:

While using LAMICATHERM-H 211-18 we recommend to follow the necessary Health & Safety Standards.

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LIABILITY: All the above information is based on our own research and experience. We cannot however offer any Guarantee for the information as the manufacturer himself is responsible for any article made with our product. Neither do we accept Liability for any damage which could be caused by the information given hereby

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