

GENERAL

LAMICATHERM 211 manufactured using calcined Muscovite mica Paper, woven glass fabric and Epoxy Resin as a binder.

APPLICATION

Lamicatherm 211 Tape/Folium is mainly used in slot insulation of Motors & Generators Coils of class "F".

PROPERTIES AND CHARACTERISTICS:

Characteristic	Unit	211 - 18	211 - 21	Test Method
Thickness	mm	0.18 ± 0.03	0.21 ± 0.03	IEC - 60371-2
Total Weight	g/m ²	265 ± 26	305 ± 31	IEC - 60371-2
Mica Paper	g/m ²	120 ± 8	150 ± 10	IEC - 60371-2
Glass Fabric	g/m ²	35 ± 3	35 ± 3	IEC - 60371-2
Resin Content	g/m ²	110 ± 15	120 ± 18	IEC - 60371-2
Breakdown Voltage	KV/mm	≥ 35	≥ 35	IEC - 60371-2
Volatile	%	≤ 0.8	≤ 0.8	IEC - 60371-2
Tensile Strength	N/cm	≥ 140	≥ 140	IEC - 60371-2
Resin flow @16 ± 2°C	%	17 ± 6	17 ± 6	IEC - 60371-2

SUPPLY:

LAMICA THERM 211 is supplied as folium 1000 mm or in tape form of standard widths of 15mm, 20mm and 25mm with interleaving polyethylene film. The standard length of the folium is 150 mtrs and of the tape is 50 mtrs, tape supplied in 55mm ID polypropylene spools.

STORAGE & HANDLING INSTRUCTIONS:

LAMICATHERM 211 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 211 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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