

GENERAL

LAMICAFILM 221-15, Polyester backed Epoxy bonded Lamica paper folium / tape is manufactured by bonding Mica paper with Polyester film using B -stage Epoxy Novolac resin. The homogenous insulation produced after pressing and curing has a temperature index of 155 and above.

APPLICATION

LAMICAFILM 221-15, Polyester backed Epoxy bonded Mica paper is used for insulation of slot portion of stator winding of H.T Motors up to 11 KV.

PROPERTIES AND CHARACTERISTICS:

Characteristic	Unit	Values	Test Method
Thickness	mm	0.15 ± 0.02	IEC - 60371-2
Total Weight	g/m ²	242 ± 18	IEC - 60371-2
Mica Paper	g/m ²	150 ± 10	IEC - 60371-2
Polyester Film	g/m ²	32 ± 2	IEC - 60371-2
Resin Content	g/m ²	60 ± 6	IEC - 60371-2
Tensile Strength	N/cm	≥ 30	IEC - 60371-2
Stiffness	N/m	≤ 100	IEC - 60371-2
Breakdown Voltage	KV / layer	≥ 5	IEC - 60371-2

SUPPLY:

LAMICAFILM 221-15 is supplied in tape form as well as folium form of 25 mm and 1000 mm with respectively. Standard length of the tape is 50trs and Folium is 150 Mtrs. Tape wound on 55mm ID polypropylene spools suitable for hand taping. Tape is also suitable for machine taping and supplied against specific request on 25 mm ID spool.

STORAGE & HANDLING INSTRUCTIONS:

LAMICAFILM 221-15 must be kept under controlled temperature condition & must be exposed to the ambient temperature 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:

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

WORK HYGIENE:

While using LAMICAFILM 221-15 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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