

GENERAL

LAMICAFILM 433-10 manufactured using aramid fibrils filled muscovite mica paper laminated on polyimide film with impregnable silicon-organic resin as binder. This material is accelerator free, dry, flexible and suitable for VPI. Material has a temperature index higher than 200.

APPLICATION

LAMICAFILM 433-10 are used as armature coil insulation for Traction Motors.

PRODUCT CHARACTERISTICS:

Characteristics	Unit	Typical Values	Test Method
Total Weight	g/m ²	120 ± 15	IEC - 60371-2
Thickness	mm	0.10 ± 0.03	IEC - 60371-2
Mica Paper (Including 5% aramid)	g/m ²	72 ± 7	IEC - 60371-2
Resin Content	g/m ²	12 ± 5	IEC - 60371-2
Polyimide Film	g/m ²	36 ± 3	IEC - 60371-2
Aramid Fibrils	g/m ²	4 ± 1	IEC - 60371-2
Standard Width	mm	25 ± 0.5	IEC - 60371-2.
Tensile Strength	N/cm	≥ 40	IEC - 60371-2
Breakdown Voltage	KV/Layer	≥ 4.5	IEC - 60371-2

SUPPLY:

LAMICAFILM 433-10 is supplied in tape form in standard width of 25 mm. Standard length of the tape roll is 30 mtrs 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 433-10 must be kept under controlled temperature condition. While taping sufficient care to be taken and winding tension should not exceed 2Kg.

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 10% of the rolls may be supplied with one joint.

WORK HYGIENE:

While using LAMICAFILM 433-10 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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