

mica tapes

Myosam® 315.02

- ▶ Ground insulation
- ▶ For random wire wound rotating machines
- ▶ Easy to handle
- ▶ Flexible
- ▶ For machines up to 3.3 kV

		Value	Test norm
Thickness	mm	0.20 ± 0.02	IEC 60371-2
Total weight	g/m ²	300 ± 40	IEC 60371-2
Mica paper	g/m ²	160 ± 10	IEC 60371-2
Polyester film	g/m ²	50 ± 4	IEC 60371-2
Polyester film	g/m ²	50 ± 4	IEC 60371-2
Resin content	g/m ²	ca. 40	IEC 60371-2
Min. shelf life at 20°C		≤24 months	
Breakdown voltage	kV	≥10	IEC 60371-2

General description

Myosam® 315.02 is based upon an impregnated muscovite micapaper sandwiched between 2 polyester films.

Application

Myosam® 315.02 is recommended for use as ground insulation in random wire wound rotating machines.

Form of delivery

Myosam® 315.02 is usually delivered as 1000 mm wide folium or as tapes from 15 mm width upwards.

Our range of cores satisfies the needs of manual and mechanical processing.

Main characteristics

Myosam® 315.02 is a fully cured material where mica (Samica®) enables use at higher voltages than other standard slot insulations, up to 3.3 kV.

Processing

Myosam® 315.02 is easy to cut or shape. It might be cut to size and hand fed into the stator core.

Myosam® 315.02 is unaffected by any of the major epoxy, polyester or polyetherimide resins. Nevertheless compatibility must be verified.

Health and safety

While processing Myosam® 315.02 we recommend to follow all hygiene and safety standards.

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