

Hot Molding Micanite Sheet (Shellac Based)

DESCRIPTION

Hot Moulding Micanite Sheet consists of high quality [Muscovite Mica](#) Splittings bonded with **Shellac Resin**. Sheets supplied with Shellac as a binder stay rigid at room temperature and needs to be soft heated to obtain flexibility. Once flexible this sheet is ready to be molded into any shape finally curing at a temperature of 150 - 160°C.

APPLICATION

Suitable for use in manufacture of V-Rings, sleeves, bushes etc. of Traction Motors and other High Voltage Rotating Machines.

AVAILABILITY

Size (Standard):
1000 x 1000 mm
500 x 1000 mm

Thickness :
0.20 – 2.0 mm

PACKING

Sheets are packed in airtight mechanically strong wooden boxes so that these are protected from dirt, dust and moisture. The packing also ensures safe transit and storage.

SHELF LIFE

10 months at $\leq 20^{\circ}$ C in dry condition

TECHNICAL DATA

Properties	Test Method	Unit	Value
Thickness Tolerance	IEC 60371 - 2	mm	± 0.10
Mica Content	IEC 60371 - 2	%	84 ± 2
Resin Content	IEC 60371 - 2	%	16 ± 2
Break Down Voltage	IEC 60243 - 1	kV/mm	≥ 25
Molding Property	-	-	Good

All information given here is based on test performed in well-equipped producer laboratory, however the user shall carry out further tests to ensure successful application as per use.