

# **EPOXY MICA PAPER PUTTY SHEET / MOULDING MICANITE**

## **Composition**

Epoxy mica paper putty sheet / Moulding micanite consists of layers of Uncalcined muscovite mica paper bonded with epoxy novolac resin. The product is supplied interleaved to prevent sticking together of the layers.

## **Properties**

Epoxy mica paper putty sheet / Moulding Micanite can be easily cut into required dimensions. When pressed under temperature the material softens & flows into cavities.

## **Application**

Epoxy mica paper putty sheet / Moulding micanite is used to fill up uneven parts & cavities on bars & coils of high voltage machines as a link between main insulation & single conductor bundle.

## **Availability**

Sheet size: 1000 mm x 600 mm

## **Shelf life**

12 months at < 5°C & 6 months at < 25°C

# EPOXY PUTTY SHEET / MOULDING MICANITE

## Product Data

Properties	Value				
	1.0mm		0.40mm	0.20mm	1.0 or 2.0 or 3.0mm
Nominal thickness					
Thickness tolerance	± 0.20mm		± 0.1mm	± 0.075mm	± 10%
Total substance	2.0 ± 0.2 Kg/m <sup>2</sup>		800 ± 63g/m <sup>2</sup>	400 ± 35g/m <sup>2</sup>	
Mica paper content	1250 ± 125g/m <sup>2</sup>		500 ± 30g/m <sup>2</sup>	250 ± 20g/m <sup>2</sup>	65 ± 5%
Binder content	750 ± 75g/m <sup>2</sup>		310 ± 30g/m <sup>2</sup>	150 ± 15g/m <sup>2</sup>	35 ± 5%
Volatile content			< 1.0%	< 1.0%	Max. 2%
Gel time at 60°C	--		--	--	3 ± 1 minutes
Flow Capacity : (Pressing conditions : 160°C / 3hrs / 10.2 kg /cm <sup>2</sup> ; Pressing shall be done with Glass cloth on both sides )	The glass cloth shall be completely impregnated with the resin & shall be seen jutting out at the edges.				--