



POLYIMIDE MICA TAPE

Made with Polyimide Film bounded to the silicon resin and laminated to mica paper.

Application:

As Class 200°C insulation on field coils, armature coils of high voltage motors and generators, which are exposed to the short-term thermal loads.

Sr. No.	Description	Units	Observed Values
1	Temperature index	-	upto 200°C
2	Thickness	mm	0.10 +0.02 - 0.03
3	Total Substance	Gsm	120±15
4	Mica Content	%	56±4
5	Binder Content	%	10±3
6	Tensile Strength	Kg/cm	≥ 4
7	Electric Strength at room temperature	Kv/layer(min.)	≥ 4.5
8	Electric Strength after heat ageing at 220°, 1hr.	Kv/layer(min.)	≥ 5.5
9	Stiffness	N/m	40 Max.
10	Fire Grade	-	upto 800°C

