

MICA-UNI-PGCMP-2 Tape

DESCRIPTION

MICA-UNI-PGCMP-2 Tape consists of Calcined Muscovite Mica paper reinforced with unidirectional glass strands, sandwiched between polyester film on both sides, bonded altogether using a modified epoxy resin. The material has excellent flexibility with uncompromising tensile strength. This product conforms to class F insulation.

APPLICATION

It is used to insulate the overhangs of high voltage electrical rotating machines.

AVAILABILITY

Width - 20 to 1000 mm
Length - 25 to 100 m

PACKING

Tapes are packed in airtight mechanically strong boxes protecting them from dirt, dust and moisture. The packing also ensures safe transit and storage.

SHELF LIFE

12 months at 25° C

TECHNICAL DATA

| Properties | Test Method | Unit | Value |
|-------------------------------------|---------------|------------------|------------|
| Nominal Thickness | IEC 60371 - 2 | mm | 0.14 ±0.02 |
| Total Substance | IEC 60371 - 2 | g/m ² | 182 ± 21 |
| Mica Paper | IEC 60371 - 2 | g/m ² | 75 ± 5 |
| Unidirectional Glass strand content | IEC 60371 - 2 | g/m ² | 22 ± 2 |
| Polyester Film | IEC 60371 - 2 | g/m ² | 17 ± 2 x 2 |
| Resin Content | IEC 60371 - 2 | g/m ² | 51 ± 10 |
| Tensile Strength | IEC 60371 - 2 | N/cm | ≥ 120 |
| Break Down Voltage | IEC 60243 - 1 | Kv | > 7 |
| Volatile Content | IEC 60371 - 2 | % | < 0.5 |

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