

ALKYD VINYL BONDED MOULDING MICA PLATES

Product

RDs popular grade of Moulding Micanite or Moulding Mica Plates, a hot forming plate made from the finest Indian muscovite mica splittings with a modified alkyd vinyl resin, partially cured so that it softens under heat and pressure and facilitate good moulding, is ideal for a temperature index of at least 155 Deg C and is available in both milled and unmilled variety.

Application

Suitable for the manufacture of moulded parts such as v-rings and bushes to be used in commutators of traction motors, end bells, tubes, washers etc

Technical Data

Sheet Size	: 550 mm X 1000 mm (+/- 5 mm)
Thickness	: 0.2 mm to 1.5 mm
Thickness Tolerance	: Individual +/- 0.05 mm Average +/- 0.02 mm
Binder Content	: 6-11%
Dielectric Strength	: > 20 Kv / mm
Volatile Content	: 1% max.
Thermal Class	: F (155 Deg C)
Mouldability	: Shall be mouldable around a mandrel of specific diameter without showing any cracks or deflaking at a temperature range of 135 Deg C – 150 Deg C

Finish

The sheets shall be smooth with properly trimmed edges, bond uniformly distributed and free from hard patches through holes and any type of foreign inclusions.

Shelf-Life

6 months from the date of manufacture stored at below 20 Deg C

Packing

The sheets are interleaved with polythene sheets and assembled in stacks. The stacks are thereafter wrapped with moisture proof polythene and paper and placed suitably in strong wooden boxes to avoid any damage in transit or during storage.

Note: 1) Also available with a choice of mica paper instead of mica splittings. Get in touch with us today to know more!

2) We also offer epoxy and silicone bonded moulding mica plates with a possible choice of mica splittings or mica paper. Contact us today with your specific requirements and get a quote from us within 48 hours!!

Disclaimer: The above is a typical product data sheet for reference purpose only and not intended for specification purpose.

