

## SHELLAC BONDED MOULDING MICA PLATES

### Product

RDs special grade of Moulding Micanite or Moulding Mica Plates made from the finest Indian muscovite mica splittings and good old modified shellac as the binder, partially cured so that it softens under heat and pressure and facilitate good moulding, is suitable for Class B hot forming and is available in both milled and unmilled variety.

### Application

For hot moulding of intricate parts such a commutator v-ring, bushes, tubes, motor-slot cells, washers etc.

### Technical Data

Sheet Size : 550 mm X 1000 mm (+/- 5 mm)  
Thickness : 0.4 mm to 1.5 mm  
Thickness Tolerance : Individual +/- 0.07 mm Average +/- 0.05 mm Binder Content : 12-18% natural shellac  
Dielectric strength : > 16 Kv / mm  
Thermal Class : B (130 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 at 20 Deg C from the date of manufacture

### Packing

The sheets are interleaved with polythene sheets and assembled in stacks. The stacks are thereafter wrapped with moisture proof polythene 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.*

