

SHELLAC BONDED MICA SEGMENT PLATE

Product

RDs range of Segment Plates made from the finest Indian muscovite mica splittings and good old modified shellac binder are available in the form of sheets or punched segments and milled to close thickness tolerances as per specific customer requirements.

Application

Most suitable for use as separators/segment insulation in commutators of traction motors, hand tools and other industrial motors.

Technical Data

Sheet Size	: 550 mm X 1000 mm (or as punched parts)
Thickness	: 0.4 mm – 2.17 mm
Thickness Tolerance	: Average: +/- 0.025 mm
Individual	: +/- 0.050 mm
Mica Content	: 93-97%
Binder Content	: 4-7%
Dielectric Strength	: > 22 Kv / mm
Thermal Class	: Class B (130 Deg C)
Heat Stability	: No oozing of binder (185 Deg C at 600 Kg/Cm Sq. No slippage of mica for 30 mins.)
Compressibility	: < 3% (at 600 Kg / Cm Sq. pr)

Finish

Finish of the segment is smooth with sharp trimmed edges and bond is uniformly distributed and is free from hard patches through holes, foreign inclusions etc.

Shelf-Life

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

Packing

Segments are stack gauged to ensure precise dimensional control on built-up commutators as per customers drawing and stack gauge dimension is marked on each batch. The stacks or plates are wrapped with moisture proof polythene and packed suitably in strong wooden cases to avoid any damage in transit.

Note : We also offer epoxy and silicone bonded mica segment plates – 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.

