MICA V-RINGS

Product

RD offers high quality mica splittings based, alkyd vinyl bonded mica v-rings to various drawings and specifications manufactured by bonding several layers of multi-segmental milled micanite sheets in a moulding press.

Application

Used in commutators of traction machines

Dimensions

As per customer drawing and specification

Tolerances

The tolerance on thickness is about ±0.2 mm of the nominal value. Additionally, the difference between any two readings at 30° cone portion shall not be more than 7% of the nominal thickness when checked with a dial gauge.

Technical Data

- Bond Content : 8-12%
- Electric Strength
  - Proof Voltage : 10 kV/15 seconds
  - Break Down Voltage : 8 kV/mm Min.
- Compressibility
  - at 35 N/mm² and 200°C for 15 mins : 7-10%

Finish

Our mica v-rings are uniformly tough in all portions and when tapped slightly with a wooden hammer the material gives a ringing metallic sound.

Shelf-Life

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

Packing

Each v-ring is wrapped in moisture proof polythene before being stacked and placed in strong wooden cases to avoid any damage during transit or storage.
Note: 1) Besides alkyd vinyl we also offer mica v-rings with shellac, epoxy or silicone as the binder depending on the nature of our customers' requirement.

2) Need the latest v-ring with mica paper? Contact us today to see our new product development!

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