

**POLYIMIDE MICA PAPER WRAPPERS
For Class H Insulation System of Traction Motors**

Product

RD offers polyimide mica paper wrappers made with mica paper and polyimide film using silicone varnish as the binder and polyester film as backing on the mica paper side and is suited for a temperature index of 180 Deg C and above.

Application

Used as wrapper insulation of the slot portion of armature coils of class H traction motors

Technical Data

Properties	Values	Testing Method
Thickness	0.15 mm	IEC 60371-2
Thickness Tolerance	+/- 0.02 mm	IEC 60371-2
Total Substance	234 +/- 16 GSM	IEC 60371-2
Mica Paper	150 +/- 8 GSM	IEC 60371-2
Polyimide Film	36 +/- 2 GSM	IEC 60371-2
Polyester Film	8 +/- 1 GSM	IEC 60371-2
Binder Content	40 +/- 5 GSM	IEC 60371-2
Tensile Strength		
- MD	4 Kg/cm width	IEC 60371-2
- CD	2.5 Kg/cm width	IEC 60371-2
Break Down Voltage	50 kV/mm	IEC 60371-2

Finish

The wrappers are free from blow holes, wrinkles and dry patches and is uniformly impregnated and strongly laminated.

Shelf Life

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

Packing

Wrappers are packed in stacks with an interleaving layer of moisture proof polythene in between each sheet/wrapper and packed in strong wooden boxes to avoid any damage in transit or during storage.

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