

# TECHNICAL DATA

## POLYIMIDE FILM TAPE Product Code: 1K220H

### P. LEO & CO LTD

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 UL FILE #E126174

- Description : 1K220H is a 0.025mm thick Polyimide film coated with Silicone based thermosetting pressure sensitive adhesive. Outstanding, high temperature retention of physical and electrical properties.
- Application : For use in high performance electrical applications, used on high-temperature coils, such as in traction machine manufacturing, in the production of generators, capacitors, transformers etc. It is used as insulation material of class R
- Technical Details :
- | PROPERTIES                    | UNIT    | SPECIFICATION        |
|-------------------------------|---------|----------------------|
| COLOR                         | -       | amber                |
| TOTAL THICKNESS               | mm      | 0.10±0.01            |
| BACKING THICKNESS             | mm      | 0.025                |
| TENSILE STRENGTH              | kg/25mm | 11.7                 |
| ELONGATION                    | %       | 55                   |
| ADHESION TO STEEL             | kg/25mm | 0.6                  |
| UNWIND FORCE                  | kg/25mm | 1.0                  |
| DIELECTRIC BREAKDOWN          | kV      | 7.0                  |
| INSULATION RESISTANCE         | ohm     | 1 x 10 <sup>12</sup> |
| ELECTROLYTIC CORROSION FACTOR |         | 1.0                  |
| TEMPERATURE CLASS             | °C      | 220                  |
- Test Method : In accordance with ASTM D-1000 method
- Shelf Life : 6 months when storage at 73F and 65% relative humidity
- Availability : Standard 33M roll, 3" core, width 500mm

### **Important Notice to Purchase**

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