

TECHNICAL DATA

POLYIMIDE FILM TAPE

**Product Code: 1K22A
(Flame Retardant)**

BC TAPE™

P. Leo & Co Ltd

Email : sales@bcwire.net



UL® UL File No. E126174

Description : 1K22A products use our proprietary halogen-free, high temperature, modified acrylic adhesive and 0.05mm (2 mil) polyimide film pressure sensitive adhesive. This product complies with the flame Retardant requirements of UL 510.

Application : For use in high performance electrical applications, used on high-temperature coils, such as in traction machine manufacturing, in the production of generators and transformers etc. This product features toughness, puncture resistance, conformability and performance for Class F to Class N electrical insulation application.

| Technical Details : | <u>PROPERTIES</u> | <u>UNIT</u> | <u>SPECIFICATION</u> |
|---------------------|--------------------|-------------|----------------------|
| | COLOR | - | amber |
| | TOTAL THICKNESS | mm | 0.076 ± 0.005 |
| | BACKING THICKNESS | mm | 0.05 |
| | TENSILE STRENGTH | kg/25mm | 11 |
| | ELONGATION | % | 50 |
| | ADHESIVE TO STEEL | kg/25mm | 0.7 |
| | BREAKDOWN VOLTAGE | kV | 6.0 |
| | TEMPERATURE RATING | °C | 180 |

Test Method : In accordance with ASTM method

Shelf Life : 6 months when storage at 23°C and 65% relative humidity

Availability : Standard 33M roll, 3" core, width 500mm

Important Notice to Purchase

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