BERGQUIST SIL PAD TSP PPK900

Known as BERGQUIST POLY-PAD K-4
November 2018

PRODUCT DESCRIPTION
The Original Sil-Pad® Material.

- Technology: Silicone
- Appearance: Mauve
- Reinforcement Carrier: Kapton
- Total Thickness, ASTM D374: 0.152 ± 0.25 mm
- Application: Thermal management, Thermally conductive adhesive
- Maximum Operating Temperature: 150°C

TYPICAL APPLICATIONS
- Applications requiring conformal coatings
- Telecommunications
- Aerospace

BERGQUIST SIL PAD TSP PPK900 is a composite of DuPont Kapton film coated with an alumina-filled polyester resin. BERGQUIST SIL PAD TSP PPK900 is an economical insulator and the Kapton carrier provides excellent dielectric and physical strength.

TYPICAL PROPERTIES
- Electrical Properties:
  - Dielectric Breakdown Voltage, ASTM D149, VAC: 6,000 V
  - Volume Resistivity, ASTM D257, ohm-meter: 1×10^{12}
- Thermal Properties:
  - Thermal Conductivity, ASTM D5470, W/(m-K): 0.9
  - Thermal Resistance, Bergquist Flat Plate Test Method, °C-in/W: 0.3

GENERAL INFORMATION
For safe handling information on this product, consult the Safety Data Sheet, (SDS).

Not for product specifications
The technical data contained herein are intended as reference only. Please contact your local quality department for assistance and recommendations on specifications for this product.

Conversions
- (°C x 1.8) + 32 = °F
- kV/mm x 25.4 = V/mil
- mm / 25.4 = inches
- N x 0.225 = lb
- N/mm x 5.71 = lb/in
- psi x 145 = N/mm²
- MPa = N/mm²
- N·m x 8.851 = lb·in
- N·m x 0.738 = lb·ft
- N·mm x 0.142 = oz·in
- mPa·s = cP

Disclaimer
Note:
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