BERGQUIST SIL PAD TSP PPK1300
Known as BERGQUIST POLY-PAD K-10
November 2018

PRODUCT DESCRIPTION
The Original Sil-Pad® Material.

<table>
<thead>
<tr>
<th>Technology</th>
<th>Silicone</th>
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<tbody>
<tr>
<td>Appearance</td>
<td>Yellow</td>
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<tr>
<td>Reinforcement Carrier</td>
<td>Kapton</td>
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</tbody>
</table>

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 PPK1300 is a composite of DuPont Kapton film coated with a boron nitride-filled polyester resin. BERGQUIST SIL PAD TSP PPK1300 offers superior thermal performance for your most critical applications with thermal resistance of 0.2 °C/Watt as well as excellent dielectric strength.

TYPICAL PROPERTIES

Electrical Properties
- Dielectric Breakdown Voltage, ASTM D149, VAC: 6,000
- Volume Resistivity, ASTM D257, ohm-meter: 1×10^{12}

Thermal Properties
- Thermal Conductivity, ASTM D5470, W/(m-K): 1.3
- Thermal Resistance, Bergquist Flat Plate Test Method, °C·in²/W: 0.2

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

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