

Product Description

Shin-Etsu's SDP-6560 A/B is a UL-94 V-0 equivalent, dual component, heat or room-temperature cured product that acts as a thermal interface gap filler and provides exceptional thermal conductivity and excellent electrical insulation. SDP-6560 A/B has high natural tackiness to anchor itself to necessary substrates, but develops no chemical adhesion to allow for superior reworkability.

Product Features

- Exceptional thermal conductivity
- Excellent electrical properties
- UL-94 V-0 equivalent flame rating
- Superior reworkability

Typical Applications

- Electronics applications requiring thermal dissipation

Typical Properties

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|---|-------------------------------------|
| Type | Liquid-dispensed Gap Filling Rubber |
| Cure Type | Addition |
| One/Two Component | Two |
| Low Molecular Weight Siloxane Stripped? | Y |
| Color | Pink |
| Density @ 23C (g/cm ³) | 3.34 |
| Viscosity (Pa·s) | 284 |
| Mix Ratio by Weight | 100:100 |
| Cure Conditions | 24hr @ 25C |
| Tack Free Time (min) | 360 |
| Working Time | 4 Hours |
| Shore 00 Hardness | 61 |
| Tensile Strength (MPa) | 0.10 |
| % Elongation | 20 |
| Volume Resistivity (TΩ·m) | 2.800 |
| Dielectric Strength (kV/mm) | 20.0 |
| Dielectric Dissipation Factor | 4 x 10 ⁻³ @ 50Hz |
| Dielectric Constant | 5.3 @ 50Hz |
| Thermal Conductivity (W/m·K) | 6.50 |
| Usable Temp. Range (C) | -40 to +180 |

Note: Values are not for specification purposes.

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