

### Product Description

Shin-Etsu's SDP-2060 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 excellent thermal conductivity, excellent electrical insulation, and low thermal resistance. SDP-2060 A/B has high natural tackiness to anchor itself to necessary substrates, but develops no chemical adhesion to allow for superior reworkability.

### Product Features

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

### Typical Applications

- Electronics applications requiring thermal dissipation

### Typical Properties

Type	Liquid-dispensed Gap Filling Rubber
Cure Type	Addition
One/Two Component	Two
Low Molecular Weight Siloxane Stripped?	Y
Color	Blue
Density @ 23C (g/cm <sup>3</sup> )	2.87
Viscosity (Pa·s)	81
Mix Ratio by Weight	100:100
Cure Conditions	24hr @ 25C
Tack Free Time (min)	360
Working Time	4 Hours
Shore 00 Hardness	57
Tensile Strength (MPa)	0.30
% Elongation	70
Volume Resistivity (TΩ·m)	2.500
Dielectric Strength (kV/mm)	18.0
Dielectric Dissipation Factor	5 x 10 <sup>-3</sup> @ 50Hz
Dielectric Constant	5.4 @ 50Hz
Thermal Conductivity (W/m·K)	2.30
Thermal Resistance (mm <sup>2</sup> ·K/W)	56
Usable Temp. Range (C)	-40 to +180
Bond Line Thickness (µm)	120

*Note: Values are not for specification purposes.*

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