



X-23-8038

Shin-Etsu Silicones of America, Inc.
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Product Description

Shin-Etsu's X-23-8038 is a curable grease that acts as a thermal interface gap filler and provides superior thermal conductivity and low thermal resistance. X-23-8038 has high natural tackiness to anchor itself to necessary substrates, but develops no chemical adhesion to allow for superior reworkability.

Product Features

- Superior thermal conductivity
- Superior reworkability
- Low thermal resistance

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 | One |
| Low Molecular Weight Siloxane Stripped? | Y |
| Color | White |
| Density @ 23C (g/cm ³) | 3.47 |
| Viscosity (Pa·s) | 177 |
| Cure Conditions | 1hr @ 120C |
| Thermal Conductivity (W/m·K) | 4.0 |
| Thermal Resistance (mm ² ·K/W) | 8 |
| % Volatile Content | 0.11 |
| Usable Temp. Range (C) | -40 to +180 |
| Bond Line Thickness (μm) | 35 |

Note: Values are not for specification purposes.

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