

G-776

Product Description

Shin-Etsu's G-776 thermal interface grease is a high reliability product that offers high resistance to pump-out, creep, and oil separation. G-776 also offers high thermal conductivity and excellent electrical properties. G-776 is a solvent diluted grease which allows for both ease of use and low oil bleed (after solvent evaporation).

Product Features

- High thermal conductivity
- Excellent electrical properties
- Ease of use and low oil bleed

Typical Applications

- Semiconductor elements and heat sinks requiring high reliability

Typical Properties

| Type | Thermal Grease |
|---|----------------|
| One/Two Component | One |
| Low Molecular Weight Siloxane Stripped? | Y |
| Color | White |
| Density @ 23C (g/cm ³) | 2.9 |
| Viscosity (Pa-s) | 58 |
| Penetration (1/10mm) | 354 |
| Dielectric Strength (kV/mm) | 12 |
| Thermal Conductivity (W/m-K) | 1.3 |
| % Volatile Content | 3.1 |
| Usable Temp. Range (C) | -40 to +200 |

Note: Values are not for specification purposes.