

THERMAL COMPOUND HEATSINK COMPOUND



SMART-BOND

Superior Quality Sealants

Features

- Good thermal conductivity
- Low oil bleed
- Stable at high temperatures

Applications

- Thermally Conductive Grease Is Suitable For
- Led Lighting Assemblies,
- Consumer Electronics,
- Power Supplies
- All Other Electronics Application Where
- Thermal Management Is Required



Characteristic

- As Heat Transfer Medium For Electronic Components It Has Excellent Thermal Conductivity Good Insulation And Stability
Non -toxic Tasteless Non Corrosive Not Dry Long Term Use Of Grease
- State At -60°C Deg C Under The Temperature Of ~200°C Degrees
Not Only Has Excellent Electronic Insulation , But Also Has Excellent Thermal
- Conductivity At The Same Time Low Oil Content High And Low Temperature
Resistance Water Ozone Water Resistance Good Construction Performance
Good Stability

Specification

Name	SB-121	SB131	SB141	SB151
Appearance	White	White	White	White
Viscosity (Pa.s)	800	1000	1000	1500
Conductivity Thermal (W/m-k)	0.8	1.4	2.0	3.0
Density (g/ml)	2.2	2.4	2.8	3.0
Heat Resistance (m ² .k/w)	4.5 * 10 ⁻⁵	4.5 * 10 ⁻⁵	3.3 * 10 ⁻⁵	2.8 * 10 ⁻⁵
Volatility	0.15	0.18	0.25	0.3
Insulation Strength (°C-in ² /w)	>4.5	>4.5	>4.5	>4.5
Temperature Range °C	- 40°C ~ 200°C	- 40°C ~250°C	- 40°C ~300°C	- 40°C ~300°C
Packaging	1 KG	1 kg	1 KG	1 KG

