

ShinEtsu Thermal Grease Datasheet

| Item | Model Unit | X-23-7762 | X-23-7783D | G751 | G746 | | | | | | |
|-----------------------|-------------------|-----------------------|------------|-----------------------|------------|--|--|--|--|--|--|
| Color | | Grey | Grey | Grey | Grey | | | | | | |
| Viscosity | Pa*S | 180 | 200 | 420 | 338 | | | | | | |
| Specific Gravity | g/cm ³ | 2.55 | 2.55 | 2.51 | 2.6 | | | | | | |
| Thermal Conductivity | W/m*K | 4 | 5 | 4.5 | 0.92 | | | | | | |
| Breakdown strength | kv/mm | Insulation not enough | >0.5 | Insulation not enough | >5.0 | | | | | | |
| Operation Temperature | C degree | -50~ 120°C | -50~ 120°C | -50~ 120°C | -50~ 120°C | | | | | | |

DOW CORNING Thermal Grease Datasheet

| Item | Model Unit | TC5121 | TC5022 | TC5026 | SC102 | | | | | | |
|-----------------------|-------------------|-------------|-----------------------|-------------|------------|--|--|--|--|--|--|
| Color | | Grey | Grey | Grey | White | | | | | | |
| Viscosity | Pa*S | 285000 | 91000 | 158000 | Non | | | | | | |
| Specific Gravity | g/cm ³ | 3.96 | 3.23 | 3.5 | 2.37 | | | | | | |
| Thermal Conductivity | W/m*K | 2.5 | 4 | 2.89 | 0.8 | | | | | | |
| Breakdown strength | kv/mm | >5.0 | Insulation not enough | >5.0 | >5.2 | | | | | | |
| Operation Temperature | C degree | -60~ +200°C | -60~ +200°C | -60~ +200°C | -60~+200°C | | | | | | |