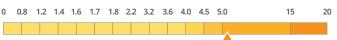


Features

- Thermal Conductivity 5.4 W/mK
- Easily dispensable from manual, semi-automatic or fully automatic systems
- · Low thermal impedance
- · Low viscosity at room temperature
- · Ultra-low compression forces
- High tack on most surfaces and reworkable
- · Proven long term reliability

Properties

Thermal Conductivity : 5.4 W/mK



| Properties | TG-NSP50 | Unit | Test Method |
|--|------------|---------------------------|---------------|
| Thermal Conductivity | 5.4 | W/mK | ASTM D5470-17 |
| Viscosity @ 25° C | 970,000 | 1 sec ⁻¹ , cPs | Rheometer |
| Colour | Dark Grey | - | Visual |
| Flow Rate (30cc syringe, 50psi @ 25° C) | 0.5 to 1.5 | g/min | T-Global |
| Specific Gravity @ 25° C | 2.8 | - | ASTM D-70 |
| Anticipated Minimum Bond Lines | 8 | μm | - |
| Operating Temperature Range | -40~+200 | °C | T-Global |
| Bleed @ 200° C, 24 hours | 0.0 | %/Wt | ASTM 6814-17 |
| Evaporation @ 150° C, 24 hours | 0.2 | %/Wt | ASTM 6814-17 |
| Shelf Life | 60 | months | T-Global |

For full turn-key support, including design, testing, supply and installation of dispensing systems suitable for prototyping to fully automated volume production, please contact T-Global Technology.

T-Global Technology (Europe & North America) Limited

t-Global

Version 1

20200827

T-Global Technology are proud to announce the launch of a new company logo and mission statement as part of the ongoing growth and evolution of our company's brand.

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Applications

TG-NSP50

Consumer Electronics - Set-top boxes, IP routers, ECUs, Memory and Power modules

Standard Sizes

| Syringe | Pot / Pail |
|---------|------------|
| 30cc | 0.45kg |
| 55cc | 2.2kg |
| | 9kg |
| | 36kg |

Non-Silicone Thermal Putty