



# TG-PP-10

## Silicone Thermal Putty

REACH Compliant    RoHS Compliant

### Features

- Thermal Conductivity 10 W/mK
- Single component silicone putty
- Soft and ultra highly compressible for low stress applications
- Suitable to fill gaps from 0.25mm - 8mm

### Applications

Consumer Electronics - Set-top boxes, IP routers, ECUs, Memory and Power modules, white goods, telecom infrastructure

### Standard Sizes

Pot / Pail  
1kg  
5kg

### Properties

**Thermal Conductivity : 10 W/mK**

0 0.8 1.2 1.4 1.6 1.7 1.8 2.2 3.2 3.6 4.0 4.5 5.0



**Hardness : 50 (Shore 00)**

0 5 10 15 20 25 30 40 80



| Properties                         | TG-PP-10    | Unit     | Test Method |
|------------------------------------|-------------|----------|-------------|
| Thermal Conductivity               | 10          | W/mK     | ASTM D5470  |
| Viscosity, Brookfield RVT, @ 25° C | Putty       | cP       | ASTM D792   |
| Colour                             | White       | -        | Visual      |
| Mix ratio                          | 1 component |          | T-Global    |
| Specific Gravity, 25° C            | 1.2         | -        | ASTM D792   |
| Hardness                           | 50          | Shore 00 | ASTM D2240  |
| Operating Temperature Range        | -55~+200    | ° C      | T-Global    |
| Evaporation @ 150° C, 24 hours     | 0.2         | %/Wt     | ASTM 6814   |
| Shelf Life                         | 12          | months   | T-Global    |

### Storage

Thermal putty has a shelf-life of twelve (12) months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened container at, or below 25°C.

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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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