



# TG4040SA

## Ultra-Soft Silicone Thermal Gap Filler

REACH Compliant | RoHS Compliant

### Features

- Thermal Conductivity 4 W/mK
- Ultra soft for excellent surface wetting
- Extended working temperature
- Easy to assemble
- Can be provided as standard sheets, custom thicknesses or custom die cuts

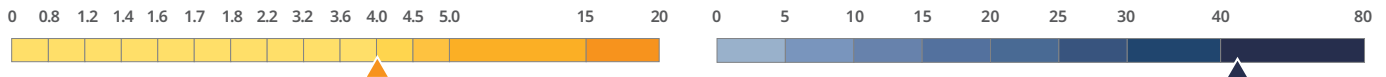
### Applications

Electronic components - Consumer electronics, Set-top boxes, Industrial electronics, Medical devices, Communication devices, etc.

### Properties

Thermal Conductivity : 4 W/mK

Hardness : 42 (Shore 00)



| Properties                        | TG4040SA |     |   |   |     |   | Unit              | Tolerance | Test Method |
|-----------------------------------|----------|-----|---|---|-----|---|-------------------|-----------|-------------|
| Thermal Conductivity              | 4        |     |   |   |     |   | W/mK              | ±10%      | ASTM D5470  |
| Thickness                         | 1        | 1.5 | 2 | 3 | 3.5 | 5 | mm                | -         | -           |
| Colour                            | White    |     |   |   |     |   | -                 | -         | Visual      |
| Reinforcement Carrier             | None     |     |   |   |     |   | -                 | -         | -           |
| Continuous Working Temperature    | -45~+200 |     |   |   |     |   | °C                | -         | -           |
| Density                           | 2.0      |     |   |   |     |   | g/cm <sup>3</sup> | -         | ASTM D792   |
| Dielectric Breakdown Voltage (AC) | 14       |     |   |   |     |   | KV/mm             | ±10%      | ASTM D149   |
| Flame Rating                      | V-0      |     |   |   |     |   | -                 | -         | UL94        |
| Hardness                          | 42       |     |   |   |     |   | Shore 00          | -         | ASTM D2250  |
| Binder                            | Silicone |     |   |   |     |   | -                 | -         | -           |

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