

Ti900

Thermal Insulator

REACH Compliant

RoHS Compliant

UL Compliant

Features

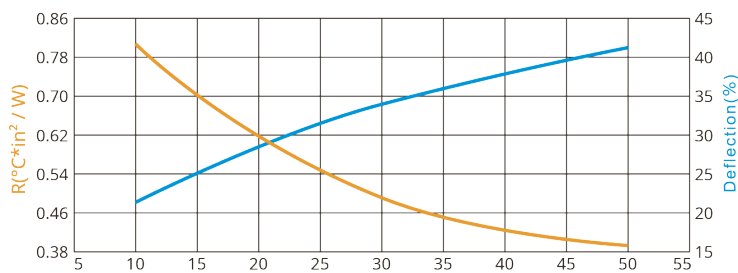
- Electrical insulation
- Low thermal impedance
- Easy to assemble

Application:

Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

Properties

Contact Pressure, Thermal Impedance, and Deflection



| Contact Pressure (psi) | Thermal Impedance (°C*in ² /W) | Deflection (%) |
|------------------------|---|----------------|
| 10 | 0.82 | 21 |
| 30 | 0.49 | 34 |
| 50 | 0.39 | 41 |

| Properties | Unit | Ti900 | Tolerance | Test Method |
|-----------------------------------|-------|-------------------|-----------|---------------------|
| Thermal Conductivity | W/m·K | 1.9 | ± 10% | ASTM D5470 Modified |
| Thickness | mm | 0.12 | - | ASTM D374 |
| Color | - | Gray | - | - |
| Base | - | Polyimide | - | - |
| Dielectric Breakdown Voltage (AC) | KV | ≥6.1 | - | ASTM D149 |
| Volume Resistivity | Ohm-m | >10 ¹² | - | ASTM D257 |
| Operating Temperature | ° C | -50~+180 | - | - |
| Tensile Strength | psi | 5000 | - | ASTM D412 |
| Elongation | % | 40 | - | ASTM D412 |
| Flame Rating | - | V-0 | - | UL94 |
| Standard Format | - | Sheet | - | - |

Die-cut for different shapes

Produkt anfragen