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GN-Ultimate 10W

Thermal Putt

➤ Product introduction

GN-Ultimate 10W - component Thermal Putt is a highly adaptable thermal interface material for gap filling. This material is softer and has lower stress than thermal conductive silicone pads, and it can be automatically dispensed and coated. Under appropriate pressure, it can achieve an ultra-thin effect and extremely low thermal resistance, making it the best choice for scenarios where multiple chips share a heat sink/structural component.



➤ Typical Properties

Property	Data	Test Method
Thermal conductive	10.0W.m ⁻¹ .K ⁻¹	ASTM D5470
Color	GREY	Visual
Flow Rate, 30cc syringe with no tip attachment 0.100" orifice, 90psi	15~25 g/min	Direct Test method
Density	3.3g.cm ⁻³	ASTM D792
Minimum bond line thickness (mm)	0.1	Direct
Temperature Range	-55°C ~ +200°C	—
Breakdown Voltage (V/mm)	>6000 V	ASTM D149
Volume Resistivity	10 ¹³ ohm-cm	ASTM D257
Flammability Rating	V-0	UL 94
RoHS Compliant	Yes	Direct Certification
Optimal Storage:	25°C (±10) 50% RH (±10) for 18months shelf life	

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein.

Applications

- Robot automated assembly
- Automotive industry
- 5G Communication industry
- ABS system
- Military Electronics
- Communication equipment
- Mobile phone CPU
- Memory module
- IGBT and other power modules Telecom services
- Power semiconductors

Features and Benefits

- High thermal conductivity
- Natural tacky & Low contact resistance
- Full-cured & No oil-bleeding
- High compression
- Suit auto-dispensing equipment
- Meets Rohs specifications