

THER PUTTY TM800-8

Patron
Passive Elektronik

One-part High Performance Liquid Gap Filler

THER PUTTY TM800-8 is a highly plastic silicone heat transfer product with high heat conductivity and electrical insulation. It can be made into a high compressibility sheet product or a semi fluid state according to customer requirements to meet the automatic dispensing process, with efficient heat transfer and excellent seam filling effects.

FEATURES / BENEFITS

- Thermal Conductivity : 8.0 W/m.k
- High electrical insulation
- High compression, low stress
- Well temperature resistance
- Can be automated dispensing

TYPICAL APPLICATIONS

- ECU
- Enclosure
- Power module
- Power converter
- Network communication equipment

HOW TO ORDER

Patron THER PUTTY TM800-8 XXX
XXX = packaging

TYPICAL PROPERTIES

Attribute	Value	Test Method
Color	Pink	Visual
Density(g/cc)	3.3	ASTM D792
Extrusion speed (g/min)	3-5	14 needle/0.4MPa
Usage temperature(°C)	-40~150	/
Flammability	V-0	UL 94
Shelf Life (Month)	6	Temperature < 25 °C to avoid extrusion, exposure
Electrical		
Breakdown Voltage (kV/mm)	>5.0	ASTM D149
Volume Resistivity (Ω.cm)	10^{12}	ASTM D257
Thermal		
Thermal Conductivity(W/m.K)	8.0	ISO 22007-2
Thermal Resistance (°C*in ² /W, @ 50psi)	0.05	ASTM D5470