

Features & Benefits

TENSAN TS5505L is thermally adhesive with heatsink and sealing strength. It is mainly used in the electronic industry to bond two items or fill gaps and conduct the heat.

- REACH, ROHS certified
- MSDS for air/sea shipment
- Non-corrosive to most metal material
- Excellent thermal conductivity
- Good resistance in a change of hot and cold temp
- Good Performance for insulation

Typical Applications

This material is widely applied in electronics products like consumer electronics, power supplies, lamp devices, etc.

- Used to replace thermal grease for CPU and its heat sink conductor
- To use in SCR intellectualized control module and its radiator
- Use to fill the gap between electronic module and radiator and make heat conduct

Packing Information

1. Hard plastic tube 100 ml
100 tubes/carton
2. Hard plastic tube 300 ml
24 tubes/carton
3. Hard plastic tube 2600ml
4 tubes/carton
4. Customized packing is acceptable

Storage and Validity

Keep away from children.

Stored in a cool, ventilated, dry place.

Shelf life: 6 months

Typical Properties

Item	Index
Appearance	White
Tack free time(min)	5~15
Complete cure time 25°C(H)	24
Viscosity (KCPS)	60
Specific Gravity (g/cm ³)	2.2±0.2
Thermal Conductivity (W/m.k)	1.3
Thermal Resistance @50psi	0.08
Breakdown Voltage (K Vac/mm)	>6
Dielectric Constant @1Mhz	6.0
Hardness (Shore A) ≥	70
Tensile Strength (MPa) ≥	2.0
Breaking Elongation (%) ≥	170
Volume Resistivity (Ω.cm ³) ≥	5.0×10 ¹⁴
Temperature range (°C)	-50 ~ 200
Flame resistance	V-1

Other Information

For further information please visit our web:

www.sztensan.com