



LUMI STAR ENTERPRISES

- ▶ RTV SILICONE SEALANT
- ▶ POTTING COMPOUND
- ▶ SOLDER PASTE
- ▶ THERMAL PASTE

RTV SILICON SEALANT

APPLICATION:

- Fixing and sealing of lights ,such as energy saving lights ,automobile lights or car lights
- Fixing and sealing of glass, aluminium or plastic
- The various uses of other industries on the bonding and sealing.



TECHNICAL DATA:

| Item | Test result |
|----------------------|---|
| Color | White |
| appearance | Paste |
| Specific Gravity | 1.58±0.08 |
| Surface curing (min) | 3-8 |
| Full curing | 24hours and subject to actual surrounding |
| hardness /HsA | 55-65 |
| Tensile strength/MPa | 1 |
| Maximum strength /% | ≤90 |
| Thermal conductivity | 0.8 |
| Volatility% | 2.35 |
| storage | -20℃~+30℃,keep in cold and dry place, storage within 6 months from fresh date |

PACKAGE:

Plastic package : 2600ml,300ml



POTTING COMPOUND

APPLICATION:

- This sealant is applied for sealing and encapsulation of general electrical & electronic components, power modules and PCB boards
- Also applied for all kinds of electronic appliances & power supply such as car HID lamp module power supply, automotive ignition system module power supply, network transformer, etc
- The sealant is to form insulation system with no corrosion and negligible shrinkage



TECHNICAL DATA:

| | Component | A55 | B55 |
|------------|------------------|------------------------|--|
| Before Mix | Color | White | Black |
| | Package | 25kgs/Barrel | 25kgs/Barrel |
| Compound | | Compound of A55&B55 | |
| After Mix | Color | Grey | Elongation at break rate (%) ≥ 60 |
| | Mixing Ratio | A55:B55=1:1 | Dielectric constant 2.8-3.3 |
| | Viscosity /mPa·s | 3000±500 | Volume resistivity($\Omega \cdot \text{cm}$) $\geq 1.0 \times 10^{14}$ |
| | Specific gravity | 1.60±0.05 | Dielectric strength (kV/mm) ≥ 14 |
| | Full Curing time | 2-4hrs/25°C,30min/70°C | Thermal conductivity (W/m·K) 0.8-1.0 |
| | Operation time | Within 30min/25°C | Hardness /shore A 55±5 |

PACKAGE:

50 Kgs/ Set

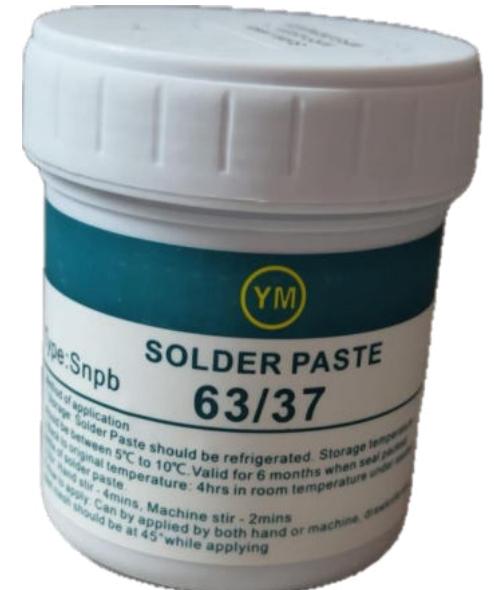
(Each SET include 25kgs of A55 + 25kgs of B55)



SOLDER PASTE

APPLICATION:

- This sealant is applied for sealing and encapsulation of general electrical & electronic components, power modules and PCB boards
- Also applied for all kinds of electronic appliances & power supply such as car HID lamp module power supply, automotive ignition system module power supply, network transformer, etc
- The sealant is to form insulation system with no corrosion and negligible shrinkage



THERMAL PASTE

APPLICATION:

- Uniform paste with excellent performance of thermal conductivity and heat dissipation
- 1.2 Working temperature range -40 to 200°C
- 1.3 Non-hazardous and no corrosion for general material such as glass, metal, marble and most plastic material.
- 1.4 The excellent performance of weathering resistance, aging resistance, UV resistance
- 1.5 The good performance of dust-proof, moisture-proof and anti-shocking



TECHNICAL DATA:

| Main Parameter | Reference Value |
|-----------------------------|---|
| Color | White/Grey |
| Appearance | Paste |
| Thermal Conductivity(W/m.k) | 1.0-3.0 and custom-made |
| Density | 2.2(g/ml) |
| Cone Penetration | Grey:300±10(1/10mm) White: 400±10(1/10mm) |
| Volatility (%) | ≤0.1% |
| Breakdown Voltage | >5.0 |
| Operation Temperature | -40 to 200°C |
| Ultimate Temperature | -50 to 250°C |
| Storage | Keep in cold&dry place and avoid rain&direct sunlight |

PACKAGE:

1 KG PACKAGING

Contact Us

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