



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:

Before Mix	Component	A55		B55	
	Color	White		Black	
	Package	25kgs/Barrel		25kgs/Barrel	
After Mix	Compound	Compound of A55&B55			
	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(Ω·cm)		≥1.0×10 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

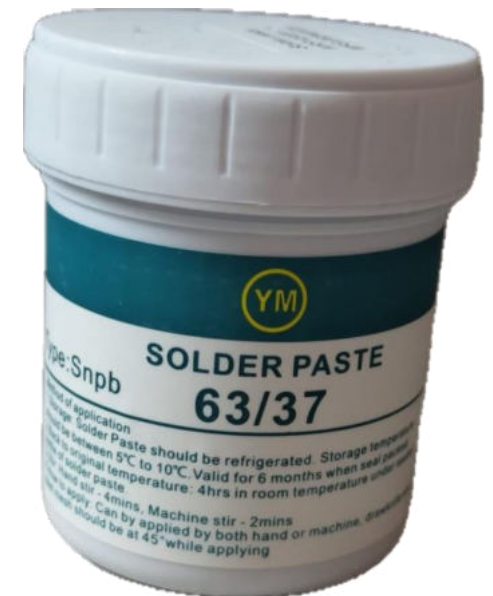
(Each SET include 25kgs of A55 + 25kgs of B55)



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 sunilght

PACKAGE:

1 KG PACKAGING



Contact Us

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