

## Features & Benefits

Two-component silicone potting for LED driver, 1 to 1, curing at room temperature.

- REACH, ROHS, certified
- Good waterproof
- Good thermal conductivity
- Easy to mix and use

## Compatibility

In some cases, this product will not be able to achieve the best curing effect when exposed to certain plastics or rubbers. Solving this problem by applying a solvent to clean the substrate surface or slightly baking above the curing temperature.

Some chemicals, curing agents, plasticizers, flux, lead production circuit boards, rubber seals will inhibit curing. Special attention should be paid to the following materials:

Organic compounds containing N, P, S, and the like, ionic compounds containing Sn, Pb, Hg, Bi and the like.

Containing alkynes and polyvinyl groups.

Condensed compounds/silicone and used molds and tools to avoid the loss of activity of platinum catalyst poisoning and can not be cured normally.

## Packing Information

25KG/BUCKET

24 BUCKET/PALLET

Pallet Size: 110 \* 110 \*90cm

## Storage and Validity

Stored in room temperature, and in a cool, ventilated, dry place.

Shelf life: 6 month

## Typical Properties

Item	Index
Color	Part A: White / light gray Part B: White
Viscosity mPa·s (25°C)	Part A: 3500 Part B: 3500
Specific Gravity ( Cured )	1.60
Mix Ratio	1:1
Viscosity mPa·s (25°C)	4500
Density g/cm <sup>3</sup> (25°C)	1.60
Working Time at 25°C (minutes)	30-60
Surface Dry Time (minutes)	80-120
Solidification Time Hr/°C	0.5/60 or 10/25
Color After Solidification	light gray
Hardness (Shore A)	45
Thermal Conductivity (W/mK)	0.7
Expansion Coefficient μm/ (m, °C )	200
Dielectric Constant (1MHz 25°C)	2.5
Loss factor (1MHz) (1MHz 25°C)	0.01
Dielectric Strength kV/mm (25°C)	>18
Elongation (%)	80
Volume Resistivity (DC500V ) Ω· cm	1.5×10 <sup>-15</sup>
UL 94 Flame Classification	94 V-1