

Products Name

Platinum Catalyst



KANGLIBANG® PT-4000

Features

- 1, Odourless, FDA Compliance
- 2, Suitable for press moulding and hot air vulcanization

PT-4000 is a platinum catalyst for the cure of PSA silicone adhesive and for addition-type silicone rubber.

Application

- ※ Mainly applied to for the curing purpose of PSA adhesive, medical and food grade silicone rubber, electronic potting glues, silicone rubber ink
- ※ Coating Material, protective film, release film.

Typical Physical Properties

PT-4000	Transparent liquid
Viscosity(mixed fluid)	1000~1500mpa.s
Light transmission	94%
Refractive index	1.48
pt content	4000PPM
Specific gravity	1.04g/cm ³

※Standard Description: The viscosity is tested under 25°C environment

Storage

Keep the product sealed and stored at 5°C~15°C, keep away from light and heat, shelf life for 6 months

Package

1KGS/Bottle

Processing

- 1, The retardant is suppose to be added and mixed in the ready -for- cure material before PT-4000 is added. otherwise, the cure purpose result in failure.
- 2, Stop use of PT-4000 when the temperature of the roller mixer is above 45 degrees.
- 3, The adding ratio varies according to different application. the mixing ratio is 1.2% for PSA Silicone adhesive of 100% solid contents.

Attention

- 1, Avoid contact with organic substance like nitrogen, phosphorus, sulphur and heavy metal As/Pb/Sn and Bi, otherwise, The cure purpose result in failure.
- 2, Consume the PT-4000 added material right in the day. if not, it will lose function.
- 3, Choose the raw silicone correctly when forwarding to hot air vulcanization, if not, bubbles will appear.
- 4, The PT-4000 is kept away from Hydrogen silicon, otherwise, severe chemical reaction occurs and even explode.