



Silfluo LR-S164

Self-Drying Organic Silicone Resin

Description

This product is formulated using phenyl monomer, methyl monomer, and specialized silane monomer through a specific processing method. It can be blended with alkyd, acrylic, polyester, epoxy, and other organic resins to produce coatings for various applications.

Typical Technical Properties:

Silfluo Code:	LR-S164
Appearance	Colorless to light yellow transparent liquid, opalescence is permitted
Solid content, %	50±1
Viscosity (Ford Cup No. 4, 25°C), s	15 -50
Drying time, ≤	Surface dry: ≤ 2h; Fully cured: 1h at 180°C
Heat resistance (varnish: leafing aluminum powder =4:1, 500±10 °C, 3h)	No peeling, cracking, or blistering

Application

When used to formulate organosilicone coatings, the paint provides a smooth, glossy finish with high hardness and heat resistance. It can either ambient-curing (air-drying) or forced thermal curing (baking). This makes it ideal for coating oversized equipment and infrastructure that cannot be oven-baked.

Use Reference:

1. The diluent used with this product must be free from water, acids, alkalis, amines, and other reactive substances, as they may negatively impact adhesion, drying, and other properties of the paint film.
2. This product contains toluene and other flammable, volatile solvents. Adequate ventilation should be maintained during processing. Fire safety, static electricity prevention, and control of ignition sources are necessary. Operators should follow proper safety measures and wear protective gear.
3. This product can be diluted using ketones, esters, toluene, xylene, and similar solvents.

Package &Storage:

In 200kg drum.

Keep in cool, dry place. Avoid acid and alkali contact. Avoid direct sunlight. Transported as dangerous goods. The shelf life is half a year(can still be used if the product is qualified after the expiration date).