Technical Data Sheet

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Self-Drying Organic Silicone Resin LR-S164

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:

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Appearance	Colorless to light yellow transparent liquid, opalescence is permitted
Solid content, %	50±1
Viscosity（4# cup，25˚C）,S	15 -50
Drying time, ≤	Surface drying 2h, completely drying,180˚C 1h
Heat resistance (varnish: float type aluminum powder =4:1, 500±10˚C, 3h)	No shedding, no cracking, no foaming

Application

When used to formulate organosilicone coatings, the paint provides a smooth, glossy finish with high hardness and excellent heat resistance. It can either self-dry at room temperature or be cured through baking. This makes it ideal for coating large equipment and workpieces that do not require baking.

Package &Storage:

In 200kg drum.

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

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 strict 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.