Self-drying at Room Temperature Silicone Resin LR-S165/S165L

Description

The resin is synthesized through the reaction of phenyl monomer, methyl monomer, and specialized silane monomer. It cures at room temperature, making it energy-efficient and easy to apply. With ex cellent heat resistance, it can withstand prolonged exposure to 200–300°C. The product also offers s trong adhesion, high-temperature durability, and good flexibility.

Typical Technical Properties:

Items	Index
Appearance	Colorless to light yellow transparent liquid, opalescence is permitted
Solid content, %	50±1
Viscosity (4# cup, 25°C),S	20 - 60
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

Silicone paint formulated with this resin, available in various colors, features a rich finish, glossy appearance, high hardness, and outstanding heat resistance. It can self-dry or cure at room temperature, making it particularly suitable for coating large equipment and workpieces that cannot undergo 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 th e expiration date).

Use Reference:

1. The diluent used with this product must be free of water, acids, alkalis, amines, and other reactive compounds, as they may negatively impact adhesion, drying, and other properties of the paint film.
2. This product contains toluene and other flammable and volatile solvents. Proper ventilation should be maintained during use. Take precautions against fire, static electricity, and ignition sources. Operators should follow safety protocols and wear appropriate protective gear.

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3. Suitable diluents for this product include ketones, esters, toluene, and xylene.

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