



## Non-stick Organic Silicone Resin LR-166

### Description

The resin is synthesized through the polymerization of an organic silicon intermediate and a specialized polyester resin. It is an environmentally friendly material with excellent temperature resistance, weather resistance, ablative resistance, strong anti-corrosion properties, high hardness, and superior solvent resistance.

### Typical Technical Properties:

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Appearance	Light yellow transparent liquid, opalescence is permitted
Solid content (%)	55±1
Viscosity (25°C), cp	800-2800
Drying time ≤	250°C, 0.5h

### Application

Used in the production of heat-resistant coatings in various colors, it is also suitable for non-stick cookware coatings, as well as coatings for household appliances and cooking utensils.

### Package &Storage:

In 200kg drum.

Keep in cool, dry place. Avoid acid and alkali contact. This product is non-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.