



## High Temperature Silicone Resin LR-H160

### Properties & Uses

This resin is polymerized through a specific process using methyl monomer, phenyl monomer, and specialized silane monomers. It has excellent high-temperature resistance and strong self-drying properties.

### Typical Technical Properties:

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Appearance	Colorless to light yellow transparent liquid, opalescence is permitted
Solid content, %	60 ±1
Viscosity (25°C,cp)	≥ 500
Drying Time ≤	Surface drying 2h, drying by heating 180°C 2h
Heat resistance (Varnish: float type aluminum powder=4:1 ,500±10°C,3h)	No peeling, no cracking, no blistering

### Application

When combined with various pigments and functional materials, it can be used to formulate heat-resistant coatings suitable for exhaust pipes, electrostatic precipitators, stoves, and more. Additionally, the resin can be blended with organic resins such as alkyd, acrylic, polyester, and epoxy to create temperature-resistant coatings for diverse applications, enhancing overall performance.

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