



## High Activity Organic Silicone Resin LR-161

### Description:

This product features high insulation strength, low dielectric loss, excellent resistance to high and low temperatures, weather durability, water repellency, and moisture resistance. It has high curing activity, and once cured, it forms a film with strong adhesion to the substrate while preventing tackiness. It offers superior processing performance and usability.

### Typical Technical Properties:

Items	Index
Appearance	Colorless to light yellow transparent liquid, opalescent light is allowed
Solid content %	50±1
Viscosity (4# cup, 25°C) S	15-35
Drying time ≤	Surface dry 2h, actually dry 24h, 180°C 1h

### Application:

It is suitable for insulating materials, heat-resistant and weather-resistant coatings, H-grade motor winding impregnation varnish, inter-turn bonding impregnating varnish, silicone glass fiber-covered wire insulation coating, and H-class electrical insulation coatings. Additionally, it is used for durable architectural decoration and protective coatings, including protective paint for large bridges and highway guardrails.

### Package &Storage:

In 200kg drum.

Keep in cool, dry place. Keep away from sunlight. Avoid acid and alkali contact. 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 for this product must be free of water, acids, alkalis, amines, and other reactive substances to prevent adverse effects on adhesion, drying, and overall coating properties.
2. This product contains toluene and other flammable solvents. Proper ventilation should be maintained during handling. Fire prevention and anti-static measures must be strictly observed, and all fire sources must be eliminated. Operators should follow appropriate safety and protective measures.
3. This product can be diluted with ketones, esters, toluene, xylene, and similar solvents.