



## Silfluo LR-052

Organic Silicone Resin

### Description

Silfluo LR-052 is an organic silicone resin. It provides heat resistance, moisture resistance, and electrical insulation properties.

### Typical Technical Properties:

Silfluo Code:	LR-052
Appearance	Colorless or light yellow liquid, opalescent light is allowed
Viscosity (Flow Cup No. 4, 25°C, S)	20 - 50
Solid content %	50±1

### Application

1. Electrical Insulation: Utilized for Class H fiberglass-covered wires and glass cloth impregnation.
2. Protective & Thermal Coatings: Applied as protective coatings for transistors and utilized in high-temperature-resistant coatings.

### Use Reference

1. Diluent Purity: Any diluents introduced must be free of water, acids, alkalis, amines, and other reactive compounds. Contamination will negatively impact adhesion, drying profiles, and overall film properties.
2. Safe Handling & Ventilation: This product contains toluene and other highly flammable, volatile solvents. Proper explosion-proof ventilation must be maintained during processing. Strict precautions against fire hazards, static electricity accumulation, and ignition sources are mandatory. Operators must adhere to occupational safety protocols and utilize appropriate personal protective equipment (PPE).
3. Dilution Guidelines: The resin can be diluted using ketones, esters, toluene, and xylene.

### Package & Storage:

In 200kg drum.

Keep in a cool, dry, and well-ventilated environment, avoiding direct sunlight, acids, and alkalis. The shelf life is 6 months from the date of manufacture when stored in original unopened containers (material can still be utilized if it passes quality inspection after the expiration date). Classified and transported as a hazardous substance (flammable liquid).