



## Silfluo LR-L167

Organic Silicone Insulating Resin

### Description

Silfluo LR-L167 is a blend of pure organic silicone resin, silicone-modified epoxy resin, and silicone-modified polyester resin in a toluene solvent base, supplied at 50% solid content.

### Typical Technical Properties:

Silfluo Code:	LR-L167
Appearance	Colorless to light yellow transparent liquid, opalescence is permitted
Viscosity (Flow Cup No. 4, 25°C, S)	25-150
Solid content %	50± 1

### Application

Electrical Insulation

Used in the production of Class H and Class F insulating varnishes, resistance coatings, impregnating varnishes, and mica tapes.

### Use Reference

1. Diluent Purity: Any diluents introduced must be free of water, acids, alkalis, amines, and other reactive compounds. Contamination will degrade adhesion, drying profile, and film properties.
2. Safe Handling and Ventilation: This product contains toluene and other flammable solvents. Explosion-proof ventilation must be maintained during processing and application. Keep away from open flames, ignition sources, and static electricity sources. Follow occupational safety protocols and use appropriate personal protective equipment (PPE).
3. Dilution Guidelines: Compatible and dilutable with ketones, esters, toluene, and xylene.

### Package & Storage:

In 200kg drum.

Keep in a cool, dry, and well-ventilated environment, strictly avoiding direct sunlight, acids, and alkalis. The shelf life is 12 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).