



## Silfluo LR-037

Organic Silicone Resin

### Descriptions:

Silfluo LR-037 is a solvent-free, reactive methylphenyl polysiloxane resin featuring alkoxy functionality and a controlled molecular weight distribution.

### Typical Technical Properties:

Silfluo Code:	LR-037
Appearance	Colorless to light yellow transparent liquid, opalescence is permitted
Viscosity (25°C), cp	80-500
Volatile Matter%	≤5

### Applications:

**Resin Modification:** Utilized for incorporating silicone components into organic resins (including acrylic, polyester, and epoxy materials) to enhance high-temperature stability and weather resistance. The addition of 30% of this silicone intermediate can improve the continuous heat resistance of the base organic resins to 300-350°C.

### Use Reference

- 1. Formulation Procedure:** Pigments and fillers should be dispersed together with a portion of the resin to create a color paste, followed by the incorporation of the remaining resin to formulate the final coating. Alternatively, a resin-free color paste can be directly blended into the resin.
- 2. Dilution Guidelines:** Diluents must be strictly limited to hydroxyl-free solvents, such as xylene.

### Package &Storage:

In 200kg drum.

Keep in a cool, dry, and well-ventilated environment, avoiding direct sunlight, acids, and alkalis. Classified and transported as a non-hazardous substance.