



Silfluo LR-031

Organic Silicone Resin

Description:

Silfluo LR-031 is an organic silicone resin. It provides high-temperature resistance, electrical insulation, and moisture resistance.

Typical Technical Properties:

Silfluo Code:	LR-031
Appearance	Colorless to light yellow transparent liquid, opalescent light is allowed
Viscosity (Flow Cup No. 4, 25°C, S)	12 -30
Solid content %	50±1

Application:

1. Laminate Manufacturing: Utilized as a binding adhesive for the production of glass cloth laminates and laminated plastics.
2. Electrical Insulation: Applied in the manufacturing of Class H motors and related electrical insulation materials.

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 flammable 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).