Technical Data Sheet

www.silfluosilicone.com

Silfluo LR-M161

Polyester Modified Organic Silicone Resin

Description

Silfluo LR-M161 is a polyester-modified organic silicone resin. It provides heat resistance, weatherability, hardness, solvent resistance, and electrical insulation properties.

Typical Technical Properties:

Silfluo Code:	LR-M161
Appearance	Light yellow transparent liquid, opalescence is permitted
Viscosity (Flow Cup No. 4, 25°C, S)	20-90
Solid content %	50± 1
Drying time, ⩽	250°C, 0.5 h

Application

1. Heat-Resistant Coatings: Utilized in the formulation of various heat-resistant coatings.
2. Electrical Insulation: Applied in the formulation of Class H insulating varnishes.
3. Appliance Coatings: Utilized for external finishes on household and kitchen appliances.

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. 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 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).

The offered information of this docs is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are fully satisfactory for end use. Suggestions of use shall not be taken as inducements to infringe any patent. Please confirm with us prior to any problems.