



Organic Silicone Resin LR-163

Description:

This product offers excellent heat resistance, flexibility, and insulation properties, along with effective moisture resistance.

Typical Technical Properties:

Item		Index
Appearance		Colorless to light yellow liquid, opalescence is permitted
Solid content (%)		50±1
Drying Time (200°C, Copper Sheet, h)		≤2
Viscosity (4# cup, 25°C), S		15-50
Heat Resistance (200°C), h		≥300
Breakdown Strength (KV/mm,)	Normal (20±5°C)	≥ 55
	High temperature (200±2°C)	≥ 30
	Become Damp (20±5°C, 95±3% RH, after 24h)	≥ 35
Volume Resistance (Ω.cm)	Normal (20±5°C)	≥ 10 ¹⁸
	High temperature (200±2°C)	≥10 ¹¹
	Become Damp (20±5°C, 95±3%RH , after 24h)	≥10 ¹²

Application:

It is suitable for manufacturing motor coils, soft glass wax cloth, soft mica tapes, soft mica sheets, glass sleeve coatings, heat-resistant coatings, and protective sealants for transistors.

Package &Storage:

In 200kg drum.

Keep in cool, dry place. Avoid acid and alkali contact. Avoid direct sunlight. Stored and transported as dangerous goods. The shelf life is half a year (can still be used if the product is qualified after the expiration date).

Use Reference:

1. The diluent used with this product must not contain water, acids, alkalis, amines, or other reactive substances, as these can impact adhesion, drying, and other properties of the paint film.

Nanjing Silfluo New Material Co., Ltd.

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Technical Data Sheet



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2. This product contains toluene and other flammable solvents. Adequate ventilation should be ensured during processing, and fire prevention and anti-static measures must be strictly implemented. Fire sources should be completely eliminated, and operators should adhere to proper labor safety practices.
3. This product can be diluted using ketones, esters, toluene, xylene, or similar solvents.

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