



Smokeless Silicone Resin LR-154

Description:

This product is a new generation organic silicone resin synthesized from methyl monomer, phenyl monomer, and specialized silane monomer using advanced technology. It features high reactivity, excellent hardness, non-tackiness at high temperatures, minimal gloss loss, low thermal smoke emission, and other beneficial properties.

Typical Technical Properties:

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Appearance	Colorless to light yellow transparent liquid, opalescent light is allowed
Solid content %	50±1
Viscosity (4# Cup, 25°C) S	12-25
Drying time ≤	Surface drying 2h, completely drying 24h, 180°C 1h
Heat resistance (varnish: float type aluminum powder =4:1, 500±10°C, 3h)	No shedding, no cracking, no foaming

Application:

It serves as a base resin for manufacturing heat-resistant coatings for ovens, baking trays, and household appliances. Additionally, it can be used as an adhesive for mica plates and a moisture-proof treatment agent for magnesium oxide powder.

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 for this product must not contain water, acid, alkali, amine, or other compounds, as they may impact adhesion, drying, and other properties of the paint film.
2. This product contains toluene and other flammable, volatile solvents. Ensure proper ventilation during handling, take precautions against fire hazards and static electricity, and strictly eliminate any ignition sources. Operators should also adhere to safety protection measures.
3. This product can be diluted with ketones, esters, toluene, xylene, etc.