



Acrylic Modified Silicone Resin LR-M163

Description

This resin is formulated by reacting silicone resin, acrylic resin, and specialized silane intermediates. It offers high hardness, excellent gloss, and outstanding heat resistance.

Typical Technical Properties:

| Items | Index |
|--|--|
| Appearance | Colorless to light yellow transparent liquid, opalescence is permitted |
| Solid content % | 50± 1 |
| Viscosity (4# cup, 25°C, S) | ≥30 |
| Drying time, ≤ | Surface dry 2h, 180°C 1h |
| Heat resistance (varnish: floating aluminium powder = 4:1, 400±10°C, 3h) | No peeling, no cracking, no blistering |

Application

Mainly used for the formulation of heat-resistant coatings, outdoor high-temperature paints, and weather-resistant coatings.

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 6 months(can still be used if the product is qualified after the expiration date).

Use Reference:

1. The diluent must not contain water, acids, alkalis, amines, or other reactive compounds, as they may negatively affect adhesion, drying time, and paint film performance.
2. Since this product contains toluene and other flammable solvents, ensure proper ventilation during application. Take precautions against fire hazards, static buildup, and ignition sources. Operators should adhere to safety guidelines.
3. Compatible diluents include ketones, esters, toluene, xylene, etc.