# **Technical Data Sheet**



# **Epoxy-modified Silicone Resin LR-M164**

## Description

This resin is synthesized by the polymerization of organic silicone intermediates and epoxy resin through a specialized process. It features high hardness, a glossy finish, and superior heat resistance.

#### **Typical Technical Properties:**

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Appearance	Colorless to light yellow transparent liquid,
	opalescence is permitted
Viscosity (4# cup, 25°C, S)	20-90
Solid content %	50± 1
Drying time, ≤	150°C, 2h

## Application

Ideal for heat-resistant and anti-corrosive coatings designed for harsh environments, such as chemical pipelines, industrial kettles, and boilers.

Also suitable for household appliance coatings, aluminum profile coatings, and other specialized applications.

#### Package & Storage:

In 200kg drum.

Keep in cool, dry place. Avoid acid and alkali contact. Avoid direct sunlight. Storied 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 should be free from water, acids, alkalis, amines, and other reactive substances, as they may affect adhesion, drying, and coating performance.

2. This product contains flammable solvents like toluene, so ensure adequate ventilation during application. Follow fire safety protocols, anti-static measures, and avoid ignition sources. Operators must comply with labor safety regulations.

3. This product can be diluted with ketones, esters, toluene, xylene, etc.

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