



Acrylic Modified Organic Silicone Resin

LR-M124

Descriptions:

This product is derived from silanol, which is obtained through the hydrolysis of phenyl monomer, methyl monomer, and specialized acrylic monomers using a specific process.

It combines the benefits of both acrylic resin and silicone resin, offering excellent heat resistance, corrosion protection, strong adhesion, and a glossy finish. Additionally, it can be cured at low temperatures.

Typical Technical Properties:

Type	LR-M124 series acrylic modified silicone resin				
	M124-120	M124-100	M124-80	M124-60	M124-50
Appearance	Colorless to light yellow transparent liquid, opalescence is permitted				
Solid content %	50±1				
Viscosity (4# cup, 25°C, S)	>120	>100	>80	>60	20-60
Drying Time ≤	Surface drying 2h, drying by heating 180°C 1h				
Heat resistance (Varnish: float type aluminum powder =4:1, 200-600 ±10°C, 3h)	No peeling, no cracking, no blistering				

Application:

It is ideal for formulating various types of high-temperature-resistant coatings, weatherproof coatings, and H-grade silicone-based insulating paints.

Package &Storage:

In 200kg drum.

Keep in cool, dry place. Avoid acid and alkali contact. Avoid direct sunlight. Stored and transported as dangerous goods .

Use reference:

1. It can be cured at room temperature using a two-component system in combination with an isocyanate curing agent such as Bayer 3390, N75, etc., with an addition ratio of 10–20% of the total resin.

Technical Data Sheet



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2. For high-temperature curing, heat to 180°C and maintain for one hour. It can also be used with amino resin to accelerate the curing process.
3. This product contains toluene, xylene, and other flammable and volatile solvents. Proper ventilation should be ensured during processing. Take precautions against fire hazards, static electricity, and ignition sources. Operators must follow safety protocols and use appropriate protective gear.