

Organic Silicone Resin LR-608

Descriptions:

This product is synthesized from a multi-functional organosilicon monomer through a specialized polymerization process. It has a mild odor, high hardness, and excellent insulation properties. After curing, it offers strong friction resistance, aging resistance, radiation resistance, hydrophobicity, and moisture resistance. When combined with inorganic materials, it exhibits high-temperature resistance. Following high-temperature sintering, it forms stable Si-O or Si-C bonds, resulting in a high residual content. Even under extreme heat, it maintains strong adhesion.

Typical Technical Properties:

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Appearance	Colorless to light yellow liquid, opalescent light is allowed
Viscosity (25°C), CP	400 -1200
Solid content %	80 ±2

Application:

This product is suitable for manufacturing high-hardness mica plates and glass fiber boards. Additionally, it can be used as a refractory adhesive, high-temperature adhesive, and high-temperature sealant. It also serves as a protective coating for various metal products and decorative materials, enhancing their wear resistance, aging resistance, water resistance, UV resistance, and corrosion resistance.

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 be free of water, acids, alkalis, amines, and similar compounds, as these can negatively impact adhesion, drying, and other film properties.

2. This product contains toluene and other flammable, volatile solvents. Ensure adequate ventilation during processing. Take precautions against fire hazards, static electricity, and ignition sources. Operators should adhere to safety protocols and wear protective gear.

3. This product can be diluted using ketones, esters, toluene, xylene, and similar solvents.

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