



Organic Silicone Resin LR-021

Description:

This material is a resin with a highly cross-linked structure. Once cured, it exhibits high hardness and, when combined with inorganic fillers, demonstrates excellent temperature resistance. After undergoing high-temperature sintering, it forms Si-O or Si-C bonds, resulting in a high residue content. Even under extreme heat conditions, it maintains strong adhesion.

Typical Technical Properties:

Items	Index
Appearance	Colorless to light yellow semitransparent liquid
Solid content %	50±1
Viscosity (4# cup, 25°C, S)	11-20

Application:

This resin is suitable for manufacturing high-hardness mica plates and glass fiber boards. Additionally, it can serve as a refractory adhesive, a high-temperature adhesive, or a high-temperature sealant.

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).

Instructions:

1. This product should not come into contact with acids, bases, organic salts, or amines, as such exposure may lead to accelerated curing, gelation, or other reactions that could compromise its performance.
2. It contains toluene and other flammable or explosive solvents. Proper ventilation should be ensured during processing, and precautions must be taken to prevent fire, static electricity, and ignition sources. Operators should adhere to safety protocols and wear appropriate protective equipment.
3. This product can be diluted using alcohol-based solvents such as methanol or ethanol, as well as aromatic solvents like toluene and xylene.