



BX-ESR-402 Organic silicone resin

I. Product Description

Basic Features:

This product is made of multifunctional organosilicon monomer by special process polymerization. This product has less odor, high hardness and good insulation performance, friction resistance, aging resistance, radiation resistance, hydrophobic, moisture-proof after curing. It has high temperature resistance if combined with inorganic substance. After high temperature sintering, combined in the form of Si-O bonds or Si-C bonds, residue content is high. It still has good cohesiveness under high temperature conditions. This product can be used to suppress high hardness mica plate and glass fiber board. It also can be used as a refractory adhesive, high temperature adhesives and high temperature sealant. At the same time, it can also be used as protection coating of a variety of metal products and decorative materials, to improve its performance of wear resistance, aging resistance, water resistance, UV resistance and corrosion resistance etc.

II. Technical Specifications

Item	Index
Appearance	Colorless to light yellow liquid, opalescent light is allowed
Viscosity(25°C),cp	20-200
Flash point(°C)	≥65
Alkoxy content, wt%	30%

Note: The above data are for reference only and are not guaranteed technical specifications.

III. Packaging and Storage:

This product is packed in 200 kg plastic drum, stored in a cool and dry place, avoid direct sunlight, avoid acid and alkali contact. This product belongs to non-dangerous goods.

IV. Instructions:

1. The diluent used in this product shall not contain water, acid, alkali, amine and other compounds, otherwise it will affect adhesion, dryness and other properties of paint film.
2. Methanol and other flammable and explosive solvents may generate during using, attention should be paid to enhancing site ventilation during processing. Pay attention to fire prevention, anti-static, strictly cut off fire sources. Operators should pay attention to labor protection.
3. This product can be diluted with ketones, esters, toluene, xylene, etc.. The shelf life is half a year.