



SH-9501 High-temperature Resistant Organic Silicon Resin

1. Main composition

Methylpolysiloxane resin

2. Main technical index

Item	Index	Note
Appearance	Colorless or light yellow liquid, no mechanical impurity	
Viscosity (cp,25°C)	≥1000	
PH	6~7	
Silicon Resin Content	≥98%	
Refractive Index (20°C)	1.40±0.02	
Gel Time (min/250°C)	15~90	Gel time can be adjusted according to customer demands
MassLoss (400°C,3h)	<5%	
Electrical property	Paint film Breakdown Strength >97KV/mm	Normal
Retention period	Over half a year	

3. Performance and use

The product is a cross-linked resin with light elasticity and toughness after solidifying and cross-link of polysiloxane that takes silicon-oxygen bond as backbone. It is a superior high temperature resistant and insulating material and has good insulativity, waterproof, flame retardant and anti-corrosion properties. The product ranks among domestic advanced level and is widely used in industries of space navigation, domestic appliance, electric, electrical machine, chemical and insulating material.

Overseas brand comparing: The product is similar with Japanese TSR-127 resin.

4. Packaging, Storage & Delivery

The product is packed in plastic drum (50kg/drum) and should be stored in ventilated and dry place, without direct sunlight. This is the non-dangerous material.

Above mentioned explanation, suggestion and data are true. However please do experiment before taking use of the product because of the operation environment is out of our control.