

Z-TYPE VINYL FLUOROSILICONE OIL

Composition:

Polymer of trifluoropropyl methylsiloxane terminated with vinyl group.

Characteristics:

It is a vinyl-terminated fluorosilicone polymer, a colorless or light yellow transparent oily liquid, categorized as a modified fluorosilicone oil. It exhibits oil resistance, solvent resistance, low surface tension, and low refractive index. Additionally, vinyl groups allows it to react with hydrogen-containing fluorosilicone oil via addition reactions, and it can also participate in various other reactions.

Items	Index
	AFS® -R-V2200 / V1200
Appearance	Colorless or light yellow transparent liquid
PH Value	5.0-7.0
Viscosity (mPa.s)	100-100000
Refractivity	1.3850±0.005
Flash Point (°C)	>260

Application:

1. It is primarily used as the key material for the production of liquid fluorosilicone rubber, specifically for injection molding.
2. It also serves as the principal material for creating fluorosilicone potting adhesives and release agents.
3. When reacting with various organic materials such as polyurethane and acrylic acid, it can be transformed into new materials that offer superior properties like weather resistance, aging resistance, UV resistance, and improved strength and toughness. These materials have extensive applications in the modification of plastics, resins, paints, and coatings.

Package:

Packed in plastic drums, 1kg ,5kg,10kg,20kg per drum.

Storage:

Shall be stored in a cool and dry environment, not exceeding 35°C, with a shelf life of six months.

Transportation:

Transport this product as non-hazardous materials.

Attention:

This product should be kept neutral and avoid contact with acidic or alkaline substances.