



Hydrogen-containing Fluorosilicone Fluid LF-HF12

Description:

Chemical Name: Hydrogen-containing Fluorosilicone Fluid

Special Features:

1. This product is mainly fluorosilicon polymer, and the molecular end or side chain has an active group SI-H key. Under the action of catalysts, it can respond to the chemicals of other active groups such as ethylene-containing groups.
2. It has excellent waterproof and oil -resistant performance, and is widely used in the production of various types of oil -resistant, polarity and non -polarity, and aging resistance, electrical insulation, solid fluorine silicon rubber and other products;

Typical Technical Properties:

Test Item	Standard			
	Methyl end-capped hydrofluorosilicone oil		End side hydrofluorosilicone oil	
	LF-HF121	LF-HF122	LF-HF12A	LF-HF12B
Appearance	Colorless to yellowish transparent liquid			
Viscosity (25°C, mPa.s)	30~100	30~100	30~50	30~50
Hydrogen Content %	0.20	0.70	0.40	0.20
Specific Gravity (25°C, g /cm ³)	1.07±0.02		1.05±0.02	
Refractive index (25°C)	1.390±0.01			
Volatile (% / 200°C, 4h)	<5			
Flash Point (°C)	>230			

* Can customize the production of hydrogen -containing silicone oil according to the requirements.

Applications:

Used as a cross-linking agent for addition type fluorosilicone rubber, fluorosilicone potting glue, fluorosilicone release agent, and fluorosilicone release agent;
Under the action of metal salt catalysts, it can be cross-linked to form a film at low temperature to form a waterproof film on the surface of various materials. It can be used as a waterproofing agent for rubber, fabric, glass, ceramics, paper, leather, metal, cement, marble and other materials. ;

Package &Storage:

Nanjing Silfluo New Material Co., Ltd.

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Web: www.silfluosilicone.com Email: inquiry@silfluo.com

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Technical Data Sheet



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In 5kg, 25kg and 50kg drum

Keep in cool, dry and ventilated place. Keep in unopened containers, shelf life is 12 months from the date of production. Storage beyond the shelf life does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

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