



High hydrogen Silicone Fluid LF-H101H

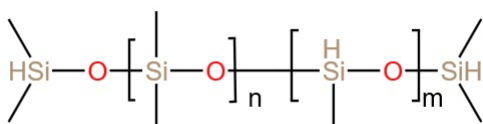
Description:

Hydrogen silicone fluid is commonly known as hydrogen-containing silicone fluid, and its molecular formula is: $(\text{CH}_3)_3\text{SiO}[(\text{CH}_3)\text{HSiO}]_n\text{Si}(\text{CH}_3)_3$

High hydrogen silicone oil is a fully hydrogenated silicone oil, colorless and odorless. Due to the relatively active Si-H bond in the molecule, it can react with other chemical substances containing double bonds, hydroxyl groups and other active groups under the action of catalysts to produce silicone products with various special properties. This product has the characteristics of good weather resistance and hydrophobic effect. Under the catalytic action of certain metal salt catalysts, it can cross-link on the surface of various substrates to form a waterproof film, which is moisture-proof, mildew-proof, rust-proof and breathable.

Methyl Hydrogen silicone fluid, also named Methylhydrogensiloxane.

Chemical Structure:



Typical Technical Properties:

Item	LF-H101H
Appearance	Colorless transparent liquid
CAS NO.:	63148-57-2
Refractive index (25°C)	1.3900 ~ 1.4000
Viscosity (25°C, mpa.s)	15-50
Hydrogen Content, wt%	≥1.5%
Density (25°C):	0.98-1.02
Volatiles(%):	≤1
PH Value	6-7

Various viscosity and hydrogen can be customized.

Applications:

1. As finishing agent for various fibers such as cotton, linen, silk, acrylic, polyester, etc.;
2. Moisture-proof and hydrophobic treatment agent for fire extinguishing agent (dry powder), glass, ceramics, leather, paper, metal, cement, marble and other building materials;
3. Cross-linking agent in addition-type silicone rubber series products;

Technical Data Sheet



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4. Basic synthetic raw materials for polyether-modified silicone oil, alkyl-modified silicone oil, etc.;
5. Hydrophobic agent, lubricant and anti-sticking agent for cosmetic oily foundation, etc.

Package &Storage:

In 50kg, 200kg drum and 1000kg IBC.

Keep in cool, dry and ventilated place. Keep away from sunlight and fire sources. Keep in unopened containers, shelf life is 12 months from the date of production. It is shipped as non-hazardous substance.

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.