



Low Hydrogen Silicone Fluid LF-H101L

Description:

Methyl low hydrogen silicone fluid is commonly known as hydrogen-containing silicone fluid, and its molecular formula is: $(\text{CH}_3)_3\text{SiO}[(\text{CH}_3)\text{HSiO}]_n[(\text{CH}_3)_2\text{SiO}]_n\text{Si}(\text{CH}_3)_3$

Low hydrogen silicone oil is a partially hydrogen-containing silicone oil, which is 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.

Typical Technical Properties:

Item	LF-H101L
Appearance	Colorless transparent liquid
CAS NO.:	63148-57-2
Viscosity (25°C, mpa.s)	10-1000 (can be customized)
Hydrogen Content, wt%	0.1 ~ 1.5 (can be customized)
Density (25°C):	0.98-1.00
Volatiles(%):	≤1
PH Value	6-7

Various viscosity and hydrogen can be customized.

Applications:

1. In fire extinguishing agent (dry powder);
2. As moisture-proof and hydrophobic treatment agent for building materials such as glass, ceramics, leather, paper, metal, cement, marble, etc.;
3. Cross-linking agent in addition-type silicone rubber series products;
4. Basic synthetic raw materials for polyether-modified silicone oil, alkyl-modified silicone oil, 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.

Technical Data Sheet



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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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