

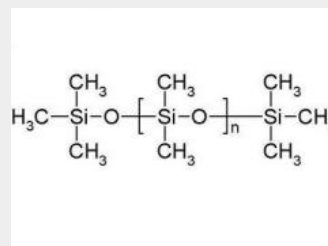


RL 201-Methyl silicone oil

RL201 Methyl silicone oil.

belongs to high purity polydimethylsiloxane.

Soluble in organic solvents and mineral oil, silicone oil, silica gel, with weather resistance, light transmittance, can be used in 572 °F range for a long time. Compared with ordinary methyl silicone oil has outstanding advantage — no hydroxyl group, high stability and no activity.



Properties

RL 201-Methyl silicone oil is a clear, odorless and colorless liquid.

- minimal change in physical properties over a broad temperature range
- excellent water-repellent properties
- good dielectric properties
- low surface tension and thus high surface activity
- chemically highly unreactive
- low solidifying point • high heat resistance
- good solubility in a wide range of solvents

Technical data

Property	Condition	Value	Method
Appearance	-	Colorless, clear	
Density	77°F	Approx 0.93g/cm ³	DIN51757
Flash point	-	572°F	ISO2592
Viscosity	77°F	±10%	DIN53019
Fugitive constituent	300°F , 3h	≤0.6	
Metal ion content	-	≤20PPM	

These figures are only intended as a guide and should not be used in preparing specifications

Application details

Due to RL 201-Methyl silicone oil has many diverse applications,
no general processing information can be provided.

Parameters will vary from application to application.

The standard product's viscosity can thus be altered to suit your individual needs.

RL 201 Methyl silicone oil is a non-polar liquid and is immiscible with polar solvents such as
water or short-chain alcohols.

In aliphatic and aromatic hydrocarbons, chlorohydrocarbons, ethers, esters, ketones and higher
alcohols, RL 201-Methyl silicone oil is soluble in any proportion.

Before the product is used with solvents for the first time, it is advisable to perform a lab-scale
test.

When solvents are used, please remember to read the appropriate hazard information.

- release agent
- lubricant
- hydraulic fluid
- antifoam agent
- water-repellent agent
- liquid dielectric for electrical and electronic equipment
- heat-transfer oil
- polish additive
- plastics additive
- additive for textile and fiber auxiliaries

For technical, quality or product safety questions, please contact:
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