



VL series VL-1000~VL-50000

Vinyl Silicone Fluid

2025/01/09 Draft. **PDS**

Description

Vinyl Silicone Fluid is a vinyl terminated polydimethylsiloxane polymer, with viscosities including standard options such as 1000, 5000, 10000, 20000 and 50000 cps. Custom viscosities between 1000 and 50000 cps can also be tailored on request.

Storage & packaging

When stored in its originally sealed packaging at 5°C - 40°C, this product may be stored for up to 8 months from its manufacturing date. Comply with the storage instructions marked on the packaging. Once past this expiration date, TAI COUNTY CHEMICAL no longer guarantees that the product meets the sales specifications.

Product comes in 20 、200 kg iron drums.

Characteristics

- Excellent thermal stability
- Good fire resistance
- Good dielectric properties
- Good antioxidant properties
- Good weather resistance

Applications

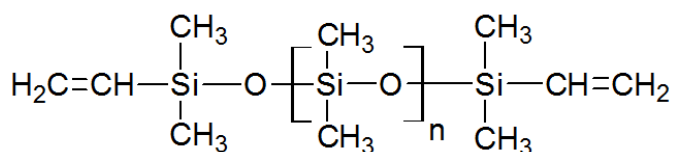
- VL series is a reactive linear bifunctional and vinyl end blocked silicone polymer. It is used to modify the physical properties and surface properties of various polymers.
- The basic raw material of addition cure type liquid silicone rubbers and silicone rubber can be used as the base polymer or mixed with other polymers to get the requirements of ideal hardness
- Vinyl silicone fluid can react with hydrogen silicone fluid(Si-H) by Pt catalyst.

Properties

Appearance Transparent liquid

Active ingredient(%) 100.0%

Viscosity, 25°C, cps 1000~50000



Safety

This document does not contain the safety information required for the product. Please read the safety data sheet for this product before use.

The information contained in this manual is given based on our current knowledge and good faith. It is indicative only and not binding, especially regarding the impact on third-party rights during product use. TAI COUNTY CHEMICAL ensures the products it sells conform to specifications. Only necessary preliminary tests can determine if a product is suitable for specific applications, and this information cannot replace such tests. Users are responsible for ensuring compliance with local legislation and obtaining necessary usage certificates and authorizations. Users are requested to check if they have the latest version of this document, and TAI COUNTY CHEMICAL is always ready to provide additional information to customers.

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