



ME series ME-10~ME-1000000

Dimethyl Silicone Fluid

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

Description

The ME series consists of polydimethylsiloxane, with viscosities including standard options such as 10, 50, 100, 350, 500, 1000, 5000, 10000, 50000, and 1000000 cps. Custom viscosities between 10 and 1000000 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

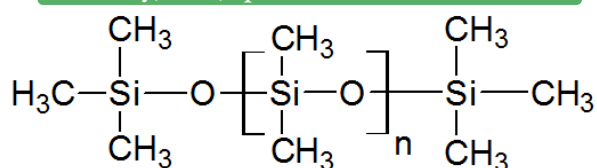
- Electromechanical industry : insulating medium with heat tolerance, arc resistance, corrosion resistance, moisture resistance and dust resistance.
- Release agents : mould release of plastics, rubber and metal castings.
- Defoamer : low surface tension and insoluble in water. Used in petroleum, chemical, medical, pharmaceutical, food processing, textile, printing and dyeing, papermaking and other industries.
- Insulation, dust-proof and mildew-proof coating : dip-coating a layer on the surface of glass and ceramics and heat treatment to form a semi-permanent waterproof, mildew-proof and insulating film.
- Additives : Additives for paints and inks to improve printing quality.

Properties

Appearance	Transparent liquid
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Active ingredient(%)	100.0%
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Viscosity, 25°C, cps	10~100000
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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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