

## Silicone Oil 1000cSt

### SX-302-1000

**Description:**

SX-302-1000 is a clear, transparent liquid, linear and non-reactive polydimethyl siloxane with a viscosity of approx. 1000 mm/s.

**Product Features:**

- Extremely stable against thermal oxidation
- Viscosity stability
- Very low surface tension
- Low thermal conductivity
- Very chemically inert
- Water repellent
- Mold releasability and nonadhesiveness

**Typical Applications:**

- Demoulding 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

SX-302-1000 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, SX-302-1000 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.

**Technical data:**

Appearance		Colorless, Clear
viscosity	(CSt)	1000
Flash point	(°C)	315
Specific Gravity @ 25 ° C		0.97
Surface Tension @ 25 ° C	mN / m	21.1
Refractive Index		1.403

**Packing:**

SX-302-1000 should be packed in dry and clean iron bucket or plastic bucket or according to the requirements of clients.

**Shelf life:**

At least 5 years.

**Industrial Use Only**