**SILICONE OIL**

**SI-1000 Polydimethyl silicone oil**

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| **Description** | Polydimethylsiloxane with a viscosity of approx. 1000 mPa.s. Due to its chemical structure, it has an outstanding property profile, which sets it apart from organic materials such as mineral oils. |
| **Type** | Polydimethylsiloxane |
| **Key Features** | * High flash point
* High heat resistance
* Low solidifying point
* Good dielectric properties
* Chemically highly unreactive
* Excellent water-repellent properties
* Good solubility in a wide range of solvents
* Low surface tension and thus high surface activity
* Minimal change in over a broad temperature range
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| **Typical Properties** |

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| Appearance  | Colorless, clear liquid  |
| Active content (%) | 100 |
| Density (g/cm3) | Appox.0.97 |
| Flash point (℃) | >300 |
| Viscosity (Dynamic at 25℃) | Appox. 1000 mPa.s |
| Surface tension (25℃) | 0,021 N/m |

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| **APPLICATION** | * 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
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| **Storage and****Handling** | * Available in 25 kg/barrel or 200kg/barrel
* Store products in tightly closed original containers at 5-40℃
* Shelf life: 12 months from delivery date
* According to non-dangerous goods transport
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