

SILISIL Silicone Oil 200 cSt – Technical Datasheet

Key Features

- Polydimethylsiloxane
- Excellent spreadability and lubrication
- Water-repellent and low surface energy
- Good thermal and oxidative stability
- Electrically insulating
- Non-toxic, odorless, tasteless
- Low volatility and vapor pressure
- Soluble in many organic solvents
- Low environmental and fire hazard

Typical Properties

Property	Value
Viscosity at 25°C	200 cSt
Specific Gravity at 25°C	0.970
Refractive Index at 25°C	1.403
Color (APHA)	Max. 5
Flash Point (Open Cup)	> 300°C
Freezing Point	- 50°C
Surface Tension @ 25°C	21.0 mN/m

Applications

- **Personal Care:** Skin conditioning, de-soaping agent, spread enhancer
- **Industrial:** Lubricant, release agent, polish additive, electrical insulator
- **General:** Antifoam additive, mold release, damping fluid

Use Instructions

- Compatible with many organic solvents and propellants
- Emulsifiable with standard techniques
- Typical dosage:
 - 0.1–1% as a surface additive
 - 1–10% in skin creams or formulations

Storage & Handling

- Store in sealed original containers below 60°C
- Avoid eye contact. Refer to SDS for safety details

Disclaimer

The above information is based on current knowledge and experience. It is provided for guidance only and does not constitute a legally binding warranty. Compatibility and suitability for the intended use must be verified by the user through preliminary tests.