

**Product Name:** Silicone oil, for melting point and boiling point apparatuses  
**Catalog Number:** 163850025

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**CAS Number:** 63148-62-9  
**IUPAC Name:** Polydimethylsiloxane  
**Molecular Formula:** (C<sub>2</sub>H<sub>6</sub>OSi)<sub>n</sub>  
**MDL Number:** MFCD00132673  
**SMILES:** C[Si](C)(-\*)O-\*

### Product Specification

**Appearance (Color):** Clear colorless  
**Appearance (Form):** Oily liquid  
**Infrared spectrum:** Conforms  
**Volatile matter:** ≤1.5 % (5 g, 230°C, 2 h)  
**Refractive index:** 1.4030 to 1.4060 (20°C, 589 nm)  
**Viscosity:** 475 to 525 mm<sup>2</sup>/s (at 25°C)

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**Date Of Print:** 06/26/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*