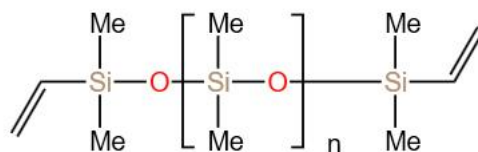


Low-VOC Terminal Vinyl Silicone Oil

SK-SOV-20000L



Product Description:

● This product is a linear organosilicon polymer with a dimethylsiloxane backbone and vinyl-terminated ends. Through optimized molecular structure and purification processes, it features extremely low volatility, making it ideal for applications requiring low VOC emissions. It also exhibits excellent heat resistance, chemical stability, and processability, particularly suited for high-value applications such as precision electronics and liquid silicone rubber (LSR) that eliminates secondary vulcanization.

Technical Specifications:

Parameter	Typical Value	Test Method/Instrument
Appearance	Colorless to pale yellow transparent liquid	Visual inspection
Viscosity (mPa.s/25℃)	19000~21000	GB/T 10247-2008
Refractive Index (25℃)	1.40~1.41	GB/T 6488
Vinyl Content (wt%)	0.09~0.11	Sodium thiosulfate titration
Volatile content (%)	≤ 0.5	200℃/4H

Typical Applications:

- Encapsulation materials: Optical lens encapsulation adhesives, high-temperature fog-free performance ensures light transmittance.
- Thermal interface materials: Thermal conductive gels or pads.
- Liquid silicone rubber (LSR): Products requiring no secondary vulcanization.

Packaging & Storage:

- Packaged in 200KG iron drums.
- Store at room temperature, dry, and away from light.
- Non-flammable and non-explosive, classified as non-hazardous for transport.
- Best used within 12 months from the production date. Re-inspect if expired.

Safety & Environmental:

- Ensure proper protective equipment is worn when handling this product. Refer to the Material Safety Data Sheet (MSDS) for details.
- Dispose of packaging according to local solid waste regulations.

Notes:

- The information provided in this document is based on reliable data from our company. Product specifications and performance may change without prior notice.
- The information is derived from laboratory and practical experience and is for reference only. Since conditions and methods of use are beyond our control, application testing is recommended before use.
- Some performance parameters of the product can be adjusted according to customer requirements. If needed, please contact our technical department engineers.