Electronic Grade Vinyl-Terminated Silicone Oil

SK-SOV-60000L

Product Description:

● A linear organosilicon polymer with dimethylsiloxane backbone and vinyl end groups. Through optimized molecular structure and purification process, this silicone oil features extremely low volatility, specifically designed for low-VOC applications. It exhibits excellent heat resistance, chemical stability, and processability, making it ideal for high-value applications like precision electronics and secondary-curing-free liquid silicone rubber.

Technical Specifications:

Test Item	Typical Data	Test Standard
Appearance	Colorless transparent liquid	Visual inspection
Viscosity (mPa.s/25℃)	55000~65000	GB/T 10247-2008
Vinyl Content (wt%)	0.06~0.08	Sodium thiosulfate titration
Volatile Content (%)	≤0.5	200°C/4H, atmospheric drying
D_3~D_{10}（PPM）	≤300	GC-MS

Typical Applications:

● Encapsulation Materials: Optical lenses, precision electronic components requiring high-temperature oil-free performance.

● Silicone Products: Medical and infant care products requiring secondary-curing-free properties.

Packaging & Storage:

● Packaged in 200KG/drums.

● Store at room temperature in dry conditions.

● Classified as non-hazardous for transportation.

● Optimal performance when used within 12 months of production (retesting required after expiration).

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.