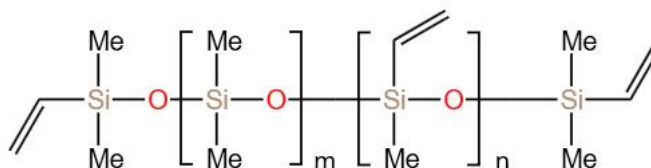


Terminal/side-chain Vinyl Silicone Oil SK-SOV-04



Product Description:

● This product is a linear organosilicon polymer with vinyl-terminated ends. Its main chain consists of alternating or block structures of dimethylsiloxane and methylvinylsiloxane. The unique terminal vinyl distribution provides additional crosslinking sites, significantly enhancing material hardness and tear resistance. It is ideal for high-performance addition-cure liquid silicone rubber.

Technical Specifications:

Parameter	Typical Value	Test Method/Instrument
Appearance	Colorless to pale yellow transparent liquid	Visual inspection
Viscosity (mPa.s/25℃)	2000~4000	GB/T 10247-2008
Refractive Index (25℃)	1.40~1.41	GB/T 6488
Vinyl Content (wt%)	3.5~4.5	Sodium thiosulfate titration
Volatile content (%)	≤2.0	150℃/3H

Typical Applications:

● Reinforcement and hardness improvement for addition-cure liquid silicone rubber.

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.