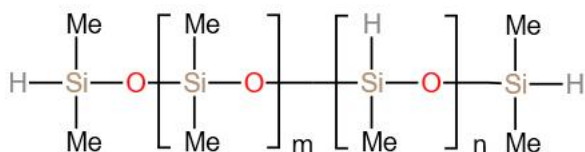


Terminal Hydrogen-Containing Silicone Oil

SK-SOH-050ES



Product Description:

● SK-SOH-050ES is a highly reactive linear organosilicon polymer featuring hydrogen-terminated ends. Its molecular structure combines dimethylsiloxane and methylhydrogensiloxane units in alternating/block configurations. The terminal Si-H groups provide enhanced crosslinking capability, significantly improving material hardness and tear resistance - ideal for high-performance addition-cure liquid silicone rubber formulations.

Technical Specifications:

Parameter	Typical Value	Test Method/Instrument
Appearance	Colorless transparent liquid	Visual inspection
Viscosity (mPa.s/25℃)	100~500	GB/T 10247-2008
Hydroxyl content (wt.%)	0.47~0.53	HG/T 4804-2015
Volatile content (%)	≤ 1.0	150℃/1H

Typical Applications:

- For reinforcing and hardening addition-cure silicone rubber
- Intermediate for modified silicone oils
- Performance modifier for organic polymers

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.
- Shelf life: 12 months (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.