

# Hydroxyl Terminated Polydimethylsiloxane Linear

**Product name:** Hydroxyl terminated polydimethylsiloxane linear

**CAS No.:** /

**Product Standard:** T/FSI 023-2019

## Physical and Chemical Properties:

**Melting Point / Freezing Point:** -44°C

**Relative Density:** 0.960~0.975 (water=1)

**Water solubility (g/l):** no reaction

**Appearance:** Colorless transparent liquid with slightly cloudy

## Properties and Uses:

It can be self-condensed to generate hydroxyl-terminated linear silicone oil with different viscosity and molecular weight; it can be copolymerized with functional capping agent to make non-reactive silicone fluid.

## Package, Storage and Handling:

Hydroxyl terminated polydimethylsiloxane linear is packed in clean, dry and well-sealed steel drums or plastic IBCs, and water infiltration is strictly prohibited. 950kg/IBC or 190kg/Drum. Store it in a cool, dry and ventilated place. Prevention from direct sunlight, isolation from fire sources and keep away from heat sources.

## Technological Index:

Item		Index	
		First Grade	Qualified Grade
Turbidity /NTU	≤		3
150°C Non-Volatiles /%	≥	99.0	97.0
Acid Value (in HCL terms)/%	≤		0.001
Kinematic viscosity (25°C) / (mm <sup>2</sup> /s)	≤		50.0-120.0

Remarks: In addition to the above, if customers have special requirements, it will be executed according to the contract.