

Fluorosilicone Oil

Product: low molecular weight polymethyl(3,3,3-trifluoropropyl)siloxane fluid with silanol groups as the endings.

Molecular: $\text{OH}-(\text{CH}_2\text{CF}_3\text{CH}_2\text{CH}_2\text{SiO})_n\text{-H}$.

Physical Properties:

Appearance: Colorless or yellowish transparent liquid

Index of Refraction $n_{25\text{D}}$: 1.3745-1.3785

Specific Gravity g/cm^3 : 1.2-1.3

Characteristics:

Featured with the extreme temperature resistance and fuel resistance of common fluoro-silicone polymers, it has high chemical activity as well.

Specification:

Properties	Limits
Hydroxyl Content %	3.5-7

Uses:

It's mainly used as the intermediate, molecular weight adjuster and processing agent for fluorosilicone rubbers; furthermore, it plays an important role for water & oil proofing agents, defoamers, and lubricants.

Packaging: Minimum 1kg/PE plastic drum

Storage: It should be stored in a cool and dry place.