

Polydimethylsiloxane Silicone Oil

Characteristics

- CAS No.: 63148-62-9
- Colour: colourless
- Viscosity: From 1cst - 1,000,000cst at 25°C
- Pour Point: -100 °C ~ -50 °C(closed cup)
- Flash Point: 160°C ~ 320°C(open cup)
- Surface tension: 20.3 - 21.5 mN/m.
- Refraction index: 1.398-1.406
- Physiological property: no toxic.
- Thermal Conductivity at 25°C W/m-k: 0.14~0.16
- Dielectric Constant 50Hz: 2.65~2.75
- Specific heat at 25°C (cal/g.c): 0.40~0.35
- VTC: 0.55~0.61
- Volatile matter content 150°C/24 hour(%): max0.5~max4.0

OH Polymer-Hydroxyl Silicone Oil

Characteristics

- CAS No.: 70131-67-8

Color and Appearance:	Colorless transparent liquid
Density 25/25°C:	0.96-0.98
Refractive Index 25°C:	1.401-1.403
Initial boiling point and boiling range:	>205°C
Melting point / Freezing point:	<-60°C
Hydroxy Content (%)	6-12
Volatile Phenol (150 °C, 3h,%):	≤2.0
Viscosity:	20-30cst, 500cst, 1000cst, 1500cst, 3000cst, 3500cst, 10000cst, 20000cst, 50000cst, 80000cst...

Hydrogen Silicone Oil

Characteristics

• CAS No.: 63148-57-2

Colorless transparent Liquid	
Hydrogen Content(%):	0.1-1.5 , 1.58~1.62
Viscosity:	20-30 CST
Molecular Formula:	(CH₃)₃SiO[(CH₃)(H)SiO]_nSi(CH₃)₃.
PH:	6-8

Amino Silicone Oil

Characteristics

• CAS No.: 63148-62-0

Viscosity(25°C),mm/S:	1000-100000
Amino value:	0.1-1.4
Appearance:	transparent or light yellow
PH:	8-9
Solubility:	Soluble in any proportion of water Excellent soft, smooth and even feel.

Vinyl Silicone Oil

Characteristics

• CAS No.: 68083-19-2

Vinyl Silicone Oil(Vi-PDMS)								
Appearance:	Transparent							
Viscosity:	mPa-s	200±30	500±50	1000±100	5000±500	10000±1000	20000±2000	60000±6000
Vinyl Value:	mol%	1.9	1.2	0.8	0.45	0.36	0.29	0.22
Volatile:	≤1.5%							

Polyvinyl Methyl Siloxane Fluid(Vi-PMVS)				
Appearance:	Transparent			
Viscosity:	mPa-s	3000±300	10000±1000	85000±8500
Vinyl Value:	mol%	10	3	5
Volatile:	≤1.5%			