

Silicone Fluid



Methyl Hydrogen Silicone Fluid

Product Code	Product Name	CAS NO.	Viscosity (25°C, mm ² /s)	Hydrogen Content (%)	Weight Loss (%), 105°C/3h
HENGDA-MH-20	Methyl Hydrogen Silicone Fluid	63148-57-2	20-25	1.55-1.61	≤2

Siloxanes

Product Code	Product Name	CAS NO.	Purity	Specific Gravity (25°C)	Flash Point(°C)
HENGDA-HMM	1,1,3,3-Tetramethyldisiloxane	3277-26-7 or 30110-74-8	99%min	0.760	<15
HENGDA-ViMM	1,1,3,3-Tetramethyl-1,3-divinyldisiloxane	2627-95-4	99%min	0.818	24
HENGDA-NMM	1,3-Bis(3-aminopropyl)tetramethyldisiloxane	2469-55-8	97%min	0.890	91
HENGDA-OMM	1,3-Bis(3-glycidyloxypropyl)tetramethyldisiloxane	126-80-7	95%min	0.996	110

PDMS-Dimethyl Silicone Fluid

Product Code	Product Name	CAS NO.	Viscosity (25°C, mm ² /s)	Specific Gravity (25°C)	Flash Point(°C)
HENGDA-FM0.65	Hexamethyldisiloxane	107-46-0	0.65	0.760	-4
HENGDA-FM1	Octamethyltrisiloxane	107-51-7	1	0.816	40
HENGDA-FM1.5	Decamethyltetrasiloxane	141-62-8	1.5	0.852	63
HENGDA-FM2	Dimethyl Silicone Fluid	63148-62-9	2	0.873	79
HENGDA-FM3	Dimethyl Silicone Fluid	63148-62-9	3	0.898	100
HENGDA-FM5	Dimethyl Silicone Fluid	63148-62-9	5	0.915	134
HENGDA-FM10	Dimethyl Silicone Fluid		10	0.934	211
HENGDA-FM20	Dimethyl Silicone Fluid		20	0.950	246
HENGDA-FM50	Dimethyl Silicone Fluid		50	0.960	318
HENGDA-FM100	Dimethyl Silicone Fluid	63148-62-9	100	0.965	> 326
HENGDA-FM200	Dimethyl Silicone Fluid		200	0.965	> 326
HENGDA-FM350	Dimethyl Silicone Fluid		350	0.970	> 326
HENGDA-FM500	Dimethyl Silicone Fluid		500	0.970	> 326
HENGDA-FM1000	Dimethyl Silicone Fluid		1000	0.970	> 326
HENGDA-FM2000	Dimethyl Silicone Fluid		2000	0.970	342
HENGDA-FM3000	Dimethyl Silicone Fluid		3000	0.970	346
HENGDA-FM5000	Dimethyl Silicone Fluid		5000	0.975	315
HENGDA-FM10000	Dimethyl Silicone Fluid		10000	0.975	> 315
HENGDA-FM12500	Dimethyl Silicone Fluid		12500	0.975	> 315
HENGDA-FM30000	Dimethyl Silicone Fluid	30000	0.975	> 315	
HENGDA-FM60000	Dimethyl Silicone Fluid	60000	0.975	> 315	
HENGDA-FM100000	Dimethyl Silicone Fluid	100000	0.975	> 315	

Vinyl Terminated Silicone Fluids (Vi-PDMS)

Product Code	Product description	CAS NO.	Viscosity (25°C, mm ² /s)	Vinyl content(%)	Weight Loss (%), 150°C/3h
HENGDA-FV211	Vinyl End-Blocked Silicone Fluid/ Vinyl Terminated Polydimethylsiloxane/ Vinyl Terminated Silicone oil/ Vinyl end-capped Polydimethylsiloxane $\text{H}_2\text{C}=\text{HC}-\text{Si}(\text{CH}_3)_2-\text{O}-\left[\text{Si}(\text{CH}_3)_2-\text{O}\right]_n-\text{Si}(\text{CH}_3)_2-\text{CH}=\text{CH}_2$	68083-19-2	18-22	9.60-10.40	N/A
HENGDA-FV100			100	1.00-1.20	≤1
HENGDA-FV200			200	0.70-0.80	≤1
HENGDA-FV300			300	0.50-0.60	≤1
HENGDA-FV500			500	0.39-0.45	≤1
HENGDA-FV1000			1000	0.28-0.34	≤1
HENGDA-FV1500			1500	0.23-0.29	≤1
HENGDA-FV5000			5000	0.13-0.19	≤1
HENGDA-FV10000			10000	0.10-0.16	≤1

Qingdao HENGDA New Material Technology Co., Ltd.

Plant 1: Gaizhou HENGDA Chemicals Co., Ltd.

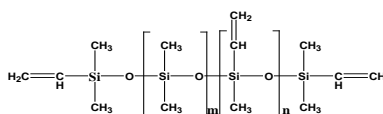
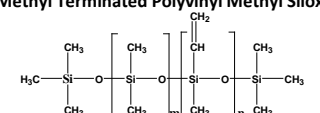
Plant 2: Shandong HENGDA Silicon Material Technology Co., Ltd.

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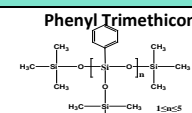
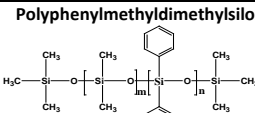
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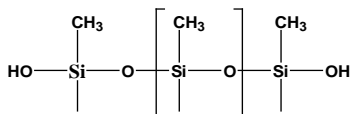
Polyvinyl Methyl Siloxane Fluid (Vi-PMVS)

Product Code	Product description	Viscosity (25°C, mm ² /s)	Vinyl content(%)	Weight Loss (%), 150°C/3h
HENGDA-FVV300-2.0	Vinyl Terminated Polyvinyl Methyl Siloxane Fluid 	300	2	≤2
HENGDA-FVV400-10.0		400	10	≤2
HENGDA-FVV2000-10.0		2000	9.5-10.5	≤2
HENGDA-FVV5000-3.5		5000	3.5	≤2
HENGDA-FVV17000-3.0		17000	3	≤2
HENGDA-FMV200-10.0	Methyl Terminated Polyvinyl Methyl Siloxane Fluid 	200	10	≤2
HENGDA-FMV2000-10.0		2000	10	≤2
HENGDA-FMV4000-0.6		4000	0.6	≤2
HENGDA-FMV3000-3.0		3000	3	≤2

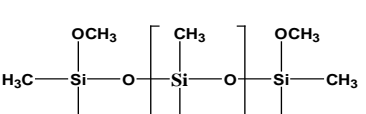
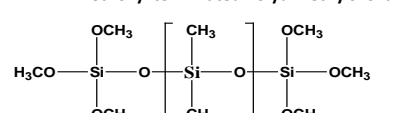
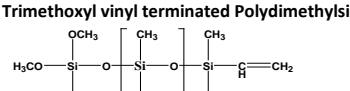
Phenyl Silicone Fluid

Product Code	Product description	CAS NO.	Viscosity (25°C, mm ² /s)	Appearance	Flash Point(°C)
HENGDA-FP556	Phenyl Trimethicone 	70131-69-0	20.8	Colorless transparent liquid	> 100
HENGDA-FP550	Polyphenylmethyl dimethylsiloxane 	68083-14-7	125	Colorless to slightly yellow transparent liquid	> 300

Silanol silicone fluids & OH polymer

Product Code	Product description	CAS NO.	Viscosity (25°C, mm ² /s)	Appearance	Volatile(%)
HENGDA-FO30	Silanol Terminated Polydimethylsiloxane OH polymer 	70131-67-8	30	Colorless transparent liquid	Max. 2.0
HENGDA-FO35			35		
HENGDA-FO40			40		
HENGDA-FO50			50		
HENGDA-FO750			750		
HENGDA-FO1500			1500		
HENGDA-FO2000			2000		
HENGDA-FO5000			5000		
HENGDA-FO10000			10000		
HENGDA-FO20000			20000		
HENGDA-FO80000			80000		

Alkoxy silicone fluid

Product Code	Product description	CAS NO.	Viscosity (25°C, mm ² /s)	Appearance	Volatile(%)
HENGDA-DM 750	Methyl-dimethoxyl terminated Polydimethylsiloxane 	68037-58-1	750	Colorless transparent liquid	Max. 3.5
HENGDA-DM 1500			1550		Max. 2.5
HENGDA-DM 5000			4500		Max. 2.5
HENGDA-DM 20000			20000		Max. 2.5
HENGDA-DM 30000			30000		Max. 2.5
HENGDA-DM 80000			76000		Max. 2.5
HENGDA-TM 250	Trimethoxyl terminated Polydimethylsiloxane 	142982-20-5	250	Colorless transparent liquid	Max. 3.5
HENGDA-TM 500			500		Max. 3.5
HENGDA-TM 2000			2000		Max. 3.5
HENGDA-TM 20000			20000		Max. 3.5
HENGDA-TM 80000			80000		Max. 3.5
HENGDA-MV200	Trimethoxyl vinyl terminated Polydimethylsiloxane 	/	200		Max. 1.5