



Properties of Polydimethylsiloxanes from 0.65cSt to 2.5 million cSt.

Product Code	Viscosity cSt	Viscosity Temp. Coefficient	Pour point °C	Flash Point °C	Specific Gravity	Refractive Index	Coeff. of Thermal Expansion cc/cc/°C, 0-150°C	Thermal Conductivity @ 25°C g /cal/cm/sec °C	Maximum Volatility, % wt. Loss, 24 hours @ 150°C	Surface Tension	Dielectric Constant	Dielectric Strength	Molecular Weight
<b>Low Viscosities</b>													
PSF-0.65cSt	.65	.32	-68	-1	.761	1.3750	0.00134	0.00024	100%	15.9	2.20	300	162
PSF-1cSt	1.0	.37	-85	39	.818	1.3825	0.00134	0.00024	100%	17.4	2.30	350	237
PSF-1.5cSt	1.5	.46	-75	63	.853	1.3880	0.00134	0.00024	100%	18.0	2.39	350	340
PSF-2cSt	2.0	.48	-80	79	.873	1.3900	0.00117	0.00025	100%	18.7	2.45	350	410
PSF-3cSt	3.0	.51	-70	100	.898	1.3935	0.00114	0.00026	100%	19.2	2.50	350	550
PSF-5cSt	5.0	.54	-65	135	.918	1.3970	0.00112	0.00027	90%	19.7	2.60	375	770
PSF-7cSt	7.0	.55	-65	150	.930	1.3980	0.00110	0.00028	N/a	19.9	2.65	375	950
PSF-10cSt	10	.56	-65	163	.935	1.3990	0.00108	0.00030	15%	20.1	2.68	375	1,250
PSF-20cSt	20	.59	-60	232	.950	1.4000	0.00107	0.00032	10%	20.6	2.72	375	2,000
<b>Standard Viscosities</b>													
PSF-50cSt	50	.59	-55	285	.960	1.4015	0.00106	0.00034	0.5%	20.8	2.75	400	3,780
PSF-100cSt	100	.60	-55	315	.966	1.4025	0.00093	0.00036	0.5%	20.9	2.75	400	5,970
PSF-200cSt	200	.60	-60	315	.968	1.4030	0.00093	0.00037	0.5%	21.0	2.75	400	9,430
PSF-350cSt	350	.60	-60	315	.970	1.4031	0.00093	0.00037	0.5%	21.1	2.75	400	13,650
PSF-500cSt	500	.60	-55	315	.971	1.4033	0.00093	0.00038	0.5%	21.1	2.75	400	17,250
PSF-1,000cSt	1,000	.61	-50	315	.971	1.4034	0.00093	0.00038	0.5%	21.2	2.75	400	28,000
<b>Hi-Viscosities</b>													
PSF-5,000cSt	5,000	.61	-48	315	.973	1.4035	0.00093	0.00038	2%	21.3	2.75	400	49,350
PSF-10,000cSt	10,000	.61	-48	315	.974	1.4035	0.00093	0.00038	2%	21.5	2.75	400	62,700
PSF-12,500cSt	12,500	.61	-46	315	.974	1.4035	0.00093	0.00038	2%	21.5	2.75	400	67,700
PSF-30,000cSt	30,000	.61	-43	315	.976	1.4035	0.00093	0.00038	2%	21.5	2.75	400	91,700
PSF-60,000cSt	60,000	.61	-42	315	.976	1.4035	0.00093	0.00038	2%	21.5	2.75	400	116,500
PSF-100,000cSt	100,000	.61	-41	321	.977	1.4035	0.00092	0.00038	2%	21.5	2.75	400	139,000
PSF-300,000cSt	300,000	.61	-41	321	.977	1.4035	0.00092	0.00038		21.5	2.75	400	204,000
PSF-600,000cSt	600,000	.61	-41	321	.978	1.4035	0.00092	0.00038		21.6	2.75	400	260,000
PSF-1,000,000cSt	1,000,000	.62	-39	321	.978	1.4035	0.00092	0.00038		21.6	2.75	400	308,000
SF-2,500,000cSt	2,500,000	.62	-38	321	.978	1.4035	0.00092	0.00038		21.6	2.75	400	423,000