

➔ 产品物理特性

TYPICAL PROPERTIES

Volatile Silicone					
Product name	INCI	Viscosity 25℃,cst	Specific Gravity,25℃	Refractive Index,25℃	Flash Point, ℃
WP-201-0.65	Dimethicone	0.65	0.76	1.375	-3
WP-201-1	Dimethicone	1	0.82	1.382	30
WP-201-1.5	Dimethicone	1.5	0.85	1.387	57
WP-201-2	Dimethicone	2	0.87	1.389	87
WP-022	Cyclotetrasiloxane	2.19	0.95	1.396	56
WP-025	Cyclopentasiloxane	3.68	0.95	1.398	76
WP-026	Cyclotetrasiloxane and Cyclopentasiloxane	3	0.95	1.397	57.8
WP-027	Cyclopentasiloxane and Cyclohexasiloxane	4.7	0.95	1.397	82

Dimethicone					
Product name	INCI	Viscosity 25℃,cst	Specific Gravity,25℃	Refractive Index,25℃	Flash Point, ℃
WP-201-5	Dimethicone	5	0.915	1.397	115
WP-201-10	Dimethicone	10	0.934	1.399	155
WP-201-20	Dimethicone	20	0.95	1.401	246
WP-201-50	Dimethicone	50	0.96	1.402	260
WP-201-100	Dimethicone	100	0.965	1.403	310
WP-201-200	Dimethicone	200	0.97	1.403	310
WP-201-350	Dimethicone	350	0.97	1.403	310
WP-201-500	Dimethicone	500	0.97	1.404	310
WP-201-1000	Dimethicone	1000	0.97	1.404	310
WP-201-12500	Dimethicone	12500	0.97	1.404	310
WP-201-60000	Dimethicone	60000	0.97	1.404	310
WP-201-100000	Dimethicone	100000	0.97	1.404	310
WP-201-300000	Dimethicone	300000	0.97	1.404	310
WP-201-500000	Dimethicone	500000	0.97	1.404	310

Silicone Blend					
Product name	INCI	Viscosity 25℃,cst	Specific Gravity,25℃	Refractive Index,25℃	Non-volatile content
WP-0410	Cyclopentasiloxane (and) Dimethicone Crosspolymer	250000-580000	0.96	1.404	9-10.7
WP-0411	Dimethicone (and) Dimethicone Crosspolymer	250000-580000	0.96	1.404	14-15.7
WP-0415	Cyclopentasiloxane (and) Dimethicone Crosspolymer	250000-600000	0.96	1.404	11-12.75
WP-7034	Cyclopentasiloxane (and) Dimethicone	900-1700	0.91-1.01	1.385-1.41	8.5-11.5
WP-7401	Cyclopentasiloxane (and) Cyclotetrasiloxane (and)Dimethiconol	5000-8000	0.91-1.01	1.385-1.41	12-16
WP-7402	Cyclotetrasiloxane (and) Dimethiconol	5000-8000	0.91-1.01	1.385-1.41	12-16
WP-7403	Dimethicone and Dimethiconol	2000-6000	0.91-1.01	1.385-1.41	11-15
WP-7501	Cyclopentasiloxane (and) Dimethiconol	5000-8000	0.91-1.01	1.385-1.41	14-16
WP-7503	Dimethicone (and) Dimethiconol	1000-2000	0.91-1.01	1.385-1.41	10-14
WP-7511	Cyclopentasiloxane (and) Dimethicone	4000-8000	0.91-1.01	1.385-1.41	12-18

Polyether Silicone				
Product name	INCI	Viscosity 25℃,cst	HLB	Active,%
WP-190	PEG/PPG-18/18 Dimethicone	1200-2500	6.6	100
WP-193	PEG-12 Dimethicone	200-500	12.2	100



Phenyl Silicone				
Product name	INCI	Viscosity 25℃,cst	Specific Gravity,25℃	Refractive Index,25℃
WP-556	Phenyl Trimethicone	15-30	0.975-0.985	1.455-1.465
WP-251	Diphenyl Dimethicone	100,500,1000	0.998-1.000	1.425
WP-252	Diphenyl Dimethicone	100,500,1000,10000	1.055-1.061	1.490-1.505

Amino Modified Silicone				
Product name	INCI	Viscosity 25℃,cst	Specific Gravity,25℃	Refractive Index,25℃
WP-241	Aminopropyl Dimethicone	50000-100000	0.975	1.405
WP-242-3500	Aminoethyl Aminoisobutyl Dimethicone	3500	0.980	1.407
WP-242-145	Aminoethyl Aminoisobutyl Dimethicone	145	0.970	1.4065
WP-243	Aminoethyl Aminopropyl Dimethicone	1200-1400	0.97	1.403
WP-244	Bis-Aminopropyl Dimethicone	50000-100000	0.98	1.410
WP-245	Bis-Cetearyl Aminodimethicone	5000-20000	0.98	
WP-246	Bis-Amino PEG/PPG-41/3 Aminoethyl PG-Propyl Dimethicone	5000	1.4335	

Alkyl Modified Silicone					
Product name	INCI	Viscosity 25℃,cst	Specific Gravity,25℃	Refractive Index,25℃	Non-volatile content
WP-222	C30-45 Alkyl Methicone	—	0.88	1.446	>100
WP-223	Stearyl Dimethicone	—	0.85	1.447	>100
WP-224	Caprylyltrimethylsiloxane	2.9	0.84	1.413	110
WP-225	Cetyl Dimethicone	—	0.86	1.448	>93
WP-226	Cetearyl Methicone	—	0.88	1.459	135

Silicone Powder						
Product name	INCI	Average particle size, μm	Distribution, μm	Non-volatile content,%	Bulk gravity(25℃)	Appearance
WP-6440A	Polymethylsilsequioxane	4	1-10	≥99	1.3	white spherical powder
WP-6440B	Polymethylsilsequioxane	4	1-10	≥99	1.3	white spherical powder
WP-6441	Dimethicone/Vinyl Dimethicone Crosspolymer	3	1-10	≥99	0.97	white spherical powder
WP-6442	Dimethicone/Vinyl Dimethicone Crosspolymer (and) resin	4	1-15	≥99	0.3-0.5	white spherical powder
WP-6443	Dimethicone/Vinyl Dimethicone Crosspolymer (and) Silica	4	1-15	≥99	0.3-0.5	white spherical powder

Silicone resin				
Product name	INCI	Viscosity 25℃,cst	Specific Gravity,25℃	Refractive Index,25℃
WP-5429	Dimethicone and Trimethylsiloxysilicate	200-500	1.025	1.409
WP-5428	Trimethylsiloxysilicate			
WP-5420	Cyclopentasiloxane and Trimethylsiloxysilicate	30-100	1.05	1.406

Pigment Treatments				
Product name	INCI	Viscosity 25℃,cst	Specific Gravity,25℃	Refractive Index,25℃
WP-202	Methicone	20	1.000	1.396
WP-202H	Hydrogen Dimethicone	20	0.97	1.398
WP-744	Triethoxycaprylsilane	2	0.875	1.417