

Technical Data Sheet

. Dimethicone

1.Product Name: Dimethyl Silicone Fluid XHG-201,
 Polydimethylsiloxane Polymers
 Polydimethylsiloxane
 Dimethyl Siloxane , trimethylsiloxy-terminated

2. Promotion direction:

- (1) Chemical engineering (2) Electricity & electronics
- (3) Material processing
- (4) Daily cosmetics: Emollients in all types of Personal Care applications (Skin Care, Antiperspirant & Deodorants, Sun care, Hair Care and Color Cosmetics).

3.Technical or quality indicators :

Grade name	Appearance	Viscosity, cst (25°C)	Density (25°C)/ (g/cm ³)	Refractive index (25°C)	Flash Piont °C (open cup)	Volatile matter (150°C, 2h)%
201-20	Colorless transparent liquid, no mechanical impurities	20±1 mm ² .s	0.944-0.954	1.4012-1.4032	≥300	≤1%
201-50		50±3 mm ² .s	0.954-0.964	1.4012-1.4032	≥300	≤1%
201-200		200±10 mm ² .s	0.961-0.971	1.4020-1.4040	≥310	≤1%
201-100		100±5 mm ² .s	0.958-0.968	1.4020-1.4040	≥310	
201-350		350±20	0.962-0.972	1.4020-1.4040	≥315	

		mm ² s				≤1%
201-500		500±25 mm ² s	0.962-0.972	1.4020-1.4040	≥315	
201-1000		1000±50 mm ² s	0.965-0.975	1.4025-1.4045	≥320	
201-2000		2000±100	0.965-0.975	1.4025-1.4045	≥320	
201-5000		5000±250	0.965-0.975	1.4025-1.4045	≥325	
201-10000		10000±500	0.968-0.978	1.4025-1.4045	≥325	
201-12500		12500±630 mPa.s	0.968-0.978	1.4025-1.4045	≥330	
201-60000		60000±630 mPa.s	0.970-0.980	1.4025-1.4045	≥330	

4.Packing specification and the corresponding container volumes:

Small container, size 20:

- (1) Packaging: In 950kg IBC drum, 17100kg per container.
- (2) Packaging: In 200kg iron drum, 16000kg per container.