



TECHNICAL DATA SHEET

Product Code : Phlex SiO-DM (Cosmetics Grade)
Chemical Family : Poly(dimethylsiloxane); Silicone oil
CAS No. : 63148-62-9
Molecular Formula : $(C_2H_6OSi)_n$

Property:

SPECIFICATIONS	DM350CG	DM1000CG	DM5000CG	DM10000CG
Appearance	Colorless Transparent Liquid	Colorless Transparent Liquid	Colorless Transparent Liquid	Colorless Transparent Liquid
Viscosity (25 °C), Cp	350 ± 35	1000 ± 100	5000 ± 500	10000 ± 1000
Flash Point (°C)	≥ 290	≥ 290	≥ 290	≥ 300
Specific gravity (25 °C)	0.960~0.975	0.960~0.975	0.960~0.975	0.960~0.975
Volatiles (150°C, 2h), %	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5

Features

A cosmetics grade colorless and transparent polydimethylsiloxane liquid, available viscosities ranging from 350 cP to 10000 cP, with little change in physical properties over a wide temperature span - relatively flat viscosity-temperature slope, and serviceability from -50°C up to 200°C.

Application

COSMETICS AND SKIN PREPARATIONS: This product is an important ingredient in hand creams, skin protectants, suntan lotions, and hair grooming aids because it forms a non-greasy, protective film which resists water and waterborne irritants, yet allows the skin to breathe. Literature is available that details the use of the fluid in cosmetics.

Package:

200kgs drum, or IBC tote

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