

SILICONE FLUIDS

Product Bulletin

KROMASIL 6M

INCI Name: Dimethicone

Description

Kromasil 6M is a middle viscosity dimethicone with excellent film forming and lubricating properties on skin and hair. It is used for improving dry & wet combability and imparting hair lubricity and luster. It is widely used in a wide range of cosmetics products such as shampoo, conditioners and make up emulsions.

Typical properties (not intended as product specification)

Appearance	viscous clear liquid
Viscosity (25°C,mPa.s)	50.000-100.000
Volatility (150 °C/3h,%)	15

Properties

- Improve dry & wet combability of hair
- Impart soft silky feel and luster to hair
- Good stability and safety

Applications

- 2 in 1 shampoo
- Hair conditioner
- Body wash and skin cleanser

Formula Guidelines

Typically used at a level of 0.5-5.0%.

- How to handle in shampoo, body wash formula:
Pre-emulsify TCS-6M to appropriate particle size, then add into system below 45°C.
- How to handle in conditioner formula:
Mix with other silicone, without over heating. Mix oil phase (except silicone) and water phase normally, add silicone mixture at 60-70°C, then homogenize



Storage & Handlings

Standard packing: 186 kg drums.

Storage: keep in a cool, dry, ventilated place.