

SILICONE FLUIDS Product Bulletin

KROMASIL 556

INCI Name: Phenyl Trimethicone

Description

KROMASIL 556 is a perfect emollient with non-oily feeling and good compatibility with cosmetic ingredients. It's widely used in skin and haircare products, such as body creams and lotions, sunscreen, make-up products, deodorants, antiperspirants, and hair conditioners.

Typical properties (not intended as product specification)

Appearance	colorless clear liquid
Refractive Index (n_D^{25})	1.45-1.48
Viscosity (25°C, mPa.s)	16-60
Color (APHA)	15
Density g/cm ³	0.97-1.10

Properties

- Effective at little dosage
- High refractive index. Impart luster to hair and to cosmetic formulation as lipstick and creams
- Non-oily feeling
- High spreadability, ability to reduce formulation tackiness
- High water resistance and high moisturizing properties
- Improve pigment dispersion

Applications

- Skin lotion
- Make-up foundation and lipstick
- Antiperspirant
- Sunscreen emulsions
- Hair conditioners and oils

Formula Guidelines

Typically used at a level of 0.5-5.0%. Add into oil phase.

Storage & Handlings

Standard packing: 200 kg drums.

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