

Manta F10161 Hair and Skin Care Silicone Fluid

Description

Manta F10161 is a mixture of mixed of HMW Polydimethylsiloxane dispersed in cyclomethicones and low viscosity PDMS. It is colorless, odorless and non-toxic. It has high affinity for hair and skin and can form a complete and uniform silicone protective film.

This product has moderate volatility. When added to the formula, it can be made into a product that is soft, smooth and has a velvety feel. It is an ideal material for manufacturing hair care products and creams.

Typical Physical Properties

INCI/CTFA	Cyclopentasiloxane (and) Dimethicone
Appearance	Colorless transparent fluid
Refractive index (25°C)	1.3950-1.4050
Specific gravity (25°C)	0.945-0.965
Viscosity (cSt, 25°C)	3,500-5,500

Note: These values are not intended for use in preparing specifications.

Properties

- Velvety and silky feel;
- Providing the best glossing and feeling properties;
- Forming a soft silicone protective film;
- Enhancing the long-lasting properties of other active ingredients on skin;
- Reducing the rub to keep the skin smooth and water proof;
- Excellent hydrophobic ability;

Applications

F10161 has a wide range of applications, such as hair and skin care products, sun proof products, styling aids, skin care creams, make-up, etc.

How to use

Due to its volatility, F10161 is recommended that be formulated at room temperature or below 50°C. Reduce the temperature to 50°C after the oily-phase melted, and slowly add the product, then completely stir. Add the other ingredients at last.

The product has good compatibility with oily cosmetic materials such as pigments, greases and perfumes. It can be used diluted by volatile silicone to reduce the viscosity.

The recommended usage level of the product is 3%-8% in hair care products, 40%-50% in hair care oil produces.

Packaging

In 50kg plastic pail; 200kg iron drum; IBC

Safety and Storage

Keep away from heat and open flame. Prevent from the exposure of moisture, acid, alkalis and other impurities. When stored at well in the original unopened containers, this product has a usable life of 24 months from the date of production (drum packing). This product is non-hazardous product.

Contact Information

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