

Manta F1006 High Viscosity Dimethicone

Description

Manta F1006 is linear siloxane polymer, which is a highly viscous liquid or paste-like semi-solid. The product is colorless, odorless, non-toxic, and non-skin-allergenic. It has many functions such as softness and comfort, anti-sticking, waterproof and hydrophobic, reducing surface tension, and antioxidant. It is one of the commonly used conditioners in shampoo products.

This product has a viscosity value of 60,000-1,000,000cP and has excellent conditioning effects on hair.

Typical Physical Properties

INCI/CTFA	Dimethicone		
Product Code	Viscosity (cP, 25°C)	Heating volatilization (%) (150°C, 3HR)	Flash Point (°C)
60000CP	60,000±3,000	≤ 2.0	≥ 315
100000CP	100,000±5,000	≤ 2.0	≥ 315
300000CP	300,000±10,000	≤ 2.0	≥ 315
500000CP	450,000-550,000	≤ 2.0	≥ 315
1000000CP	900,000-1,200,000	≤ 2.0	≥ 315

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

Properties

- Clear and transparent;
- No greasy feeling;
- Good breathability;
- No irritation to skin;
- Excellent softness, moisturizing and glossiness;
- Makes hair fresh, smooth and easy to comb;
- Provides excellent dry combing performance;

Applications

F1006 is an ideal ingredient for 2-in-1 shampoos, body washes, sunscreen oils and other preparations. In shampoo products, it can make the hair have better softness, hydrophobicity and moisturizing properties, ensuring that the hair is smooth, shiny and easy to comb. High viscosity silicone oil has long-lasting retention and can be used in conjunction with low viscosity silicone oil to achieve better combability and silky feel.

How to use

F1006 can be used directly or made into emulsion In the field of cosmetics and other daily chemicals. The best HLB value of its O/W emulsion emulsification is 9-11. The recommended usage level of the product is 1%-5% .

Packaging

In 200L 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

Nanjing Manta New Material Co., Ltd

Add: Jiangbei new district, Nanjing (210031), China.

Mob: 0086 18962800162

Mail: inquiry@mantasil.com Web: www.mantasil.com