

Manta F1030 Amino Silicone Fluid

Description

Manta F1030 is polysiloxane modified by reactive amino groups. Since the reactive amino groups are highly polar, highly reactive, adsorbable, compatible and easy to emulsify, the amino groups in the molecule are active groups that can be cross-linked and condensed. Therefore, it can be cross-linked to form an elastic film with a very soft and smooth feel.

Typical Physical Properties

INCI/CTFA	Amodimethicone
Appearance	Colorless to slightly yellow transparent liquid
Refractive index (25 °C)	1.4000-1.4150
Specific gravity (25 °C)	0.960-0.990
Viscosity (CST, 25 °C)	2500-6000
Ammonia Value (mmol.g-1)	0.36

Properties

Good adsorption and combing properties;
Easily emulsified for use in formulations;
Long-lasting softness, velvety smoothness and easy combing;
Good conditioner in hair care products;

Applications

F1030 is an ideal additive for personal care products such as shampoo, conditioner, baking cream, and perm.

How to use

Add F1030 to perms and hair dyes to partially replace ammonia or other amine compounds to prevent physical and chemical damage caused by thioglycolic acid, its salts and oxidants during the perm and hair dye processes;

After heating and melting the oil phase in hair care products, slowly add this product into the oil phase at a temperature below 50 °C and stir evenly.

The recommended usage level is 0.1%-0.2%, the specific usage method depends on actual needs.

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).

Contact Information

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