

Manta F2012 Aminophenyl Silicone Resin

Description

Manta F2012 is an aminophenyl co-modified siloxane. Its resin structure makes the amino group more stable and has outstanding yellowing resistance. The strong polar amino group brings good adsorption and easy emulsification, while the phenyl group significantly improves gloss and compatibility, and the silicone segments bring a very soft and smooth feel.

Typical Physical Properties

INCI/CTFA	Aminopropylphenyltrimethylsiloxane
Appearance	Colorless to slightly yellow transparent liquid
Refractive index (25 °C)	1.4900-1.5100
Specific gravity (25 °C)	1.00-1.15
Viscosity (CST, 25 °C)	1000-5000

Properties

Good adsorption and combing properties, easy to emulsify and use in formulas;
Good resistance to yellowing and odorless;
High gloss, low yellowing;
Long-lasting softness and velvety smoothness;
Good conditioner;

Applications

F2012 is an ideal additive for personal care products such as shampoo, conditioner, baking cream, and perm.

How to use

Add F2012 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 emulsification in hair care products, slowly add F2012 into the emulsification system at a temperature below 50 °C and stir evenly.

First emulsify with an emulsifier and then add it to the emulsification system at a temperature below 50 °C.

When used in oily products, it can be added directly to the system at room temperature and stirred. The recommended usage level is 0.2%-2.0%, 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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