

Manta W335 Oil-soluble Silicone Wax

Description

Manta W335 is a long-chain/short-chain alkyl co-modified branched polysiloxane, which is in the form of a white waxy solid. It can be widely used in personal care products such as lipstick, hair wax, eyebrow pencil, baking oil, and sunscreen to improve the durability of the formula. Make-up effect and waterproof effect, slip and shine.

Typical Physical Properties

INCI/CTFA	C30-45 Alkyl Dimethylsilyl Polypropylsilsesquioxane
Appearance	White waxy solid
Specific Gravity (25°C)	0.80-0.90
Melting Point (°C)	65-75

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

Properties

High melting point, high hardness, high refractive index;
Low friction coefficient, moderate adhesion;
Excellent oil phase compatibility, improving the waterproof effect of the formula;
High temperature resistance, scratch resistance and wear resistance, bright;
Improve formula slip and release effect;
Assists in improving makeup setting;

Applications

Manta W335 can be used in a variety of personal care products, including:
Cosmetics products: such as lipstick, lip glaze, blush, eyebrow pencil, etc.
Hair care products: conditioners, conditioners before chemical treatments (cold perming/straightening/dyeing), hair dye protectants and deep conditioners, etc.
Skin care products: sunscreen, body lotion, etc.

How to use

W335 requires conventional oil phase components (such as synthetic oil, silicone oil, etc.) to be heated and dissolved (recommended 75°C and above), and in the emulsion formula, the dissolved wax oil must be added only when the water phase temperature is 75°C or above mixture.

The recommended usage level of the product is 1%-20% (Based on total recipe).

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

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