



TECHNOLOGY MAKES LIFE BETTER

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安徽艾约塔硅油有限公司

IOTA CORPORATION LTD.

Sunmoon industry park, 985 Xingzhong Road,
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TDS of IOTA 9930 Amodimethicone

Amodimethicone [INCI/CTFA]

Features

- Good stickiness and combing ability
- Easy to be emulsified

Benefits

- Super soft and silky smooth feel
- Easy to comb
- Excellent conditioning effect in skin care product
- Cross-linkable at room temperature to form an elastic film

Description

IOTA 9930 is an active amino-group modified polydimethylsiloxane with good stickiness and combing ability. It is well compatible with mineral oils and easy to be emulsified by nonionic surfactants. With the aid of acetic acids, a fine micro emulsion of amino silicone can be obtained. The product is an ideal additive for personal care products, such as shampoo, lipstick, hair care components, hair creams, and marcel aids, and so on.

Technical data

Appearance: Colorless to yellowish, Transparent to translucent fluid

Refractive index(25°C): 1.4000-1.4150

Specific gravity(25°C): 0.960-0.990

Viscosity(cst, 25°C): 2500-6000

Applications

IOTA 9930 is an ideal ingredient for transparent shampoo and hair care products.

How to use?

- IOTA 9930 into the products for marceling and coloring hair, and partly take place of ammonia or the compound of amine, which can prevent the hair from some physical and chemical elements.

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- In hair care products, melting oil phase, and add IOTA 9930 slowly at 50°C, then stir completely.

The recommended usage level of this product is 0.1-0.2%.

Package

This product is supplied in in 50Kg plastic containers and 200Kg iron drums.

Storage and transport

The product needs to be stored in tightly sealing condition. Exposed to moisture for a long time will reduce the transparency of the product, but it also can be used in the normal application. This product will become yellow and increase viscosity if exposed to the open air for a long time.

Prevent from the exposure of moisture, acids, alkalis, and other impurities. The product has 12 months storage period from the date of production at room temperature in seal-tight condition.

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