

SiSiB® PC19596 Functional Silicones

INCI NAME

Amodimethicone

INTRODUCTION

SiSiB® PC19596 is an amino-group modified polydimethylsiloxane with high reactivity due to its amino polar groups. It offers excellent combing ability, absorption, compatibility, and emulsification. The amino groups can cross-link with reactive groups, forming a flexible film that provides a soft and smooth feel.

ADVANTAGES

- Easy to be emulsified
- Good anti-yellowing properties and low odor
- Provide long-lasting soft and silky smooth feel
- Easy to comb
- Excellent conditioning effect in skin care product

PHYSICAL PROPERTIES

Appearance	Transparent to translucent fluid
Color	Colorless to yellowish
Ammonia value (mmol/g)	0.08-0.12
Viscosity (cP, 25°C)	4000-8000
D4 (ppm)	Max. 1000
D5 (ppm)	Max. 1000
D6 (ppm)	Max. 1000

BENEFITS & APPLICATIONS

SiSiB® PC19596 is recommended for shampoo and hair care products.

SiSiB® PC19596 can be added 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.

When SiSiB® PC19596 is used in hair care products, melting oil phase and add this product slowly at 50°C, then stir thoroughly.

Add to the emulsion system below 50°C after emulsified.

While used in oil-based products, add SiSiB® PC19596 directly in system and stir at room temperature

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It is recommended to conduct a preliminary test to determine the optimal dosage.

RECOMMENDED DOSAGE

The recommended usage level of this product is 1.0-2.0%.

PACKING

SiSiB® PC19596 is supplied in 25Kg plastic pail or 200Kg steel drum.

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

STORAGE

When stored at temperatures between 10°C and 35°C in the original unopened containers, SiSiB® PC19596 has a shelf life of 12 months from the date of production.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

NOTE

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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