

SiSiB[®] PC12010 Dimethicone

Medium Viscosity Silicone Fluid 50-1000cSt

INCI Name: Dimethicone

INTRODUCTION

SiSiB[®] PC12010 (50-1000cSt) are linear polydimethylsiloxane, which are colorless, odorless, non-toxic and non-irritating transparent liquid. These products are common defoaming ingredients in shampoos and some skin care products. They can be used in the skin care products to obtain silk like smooth feel.

As a carrier, the products could provide better silky feel and enhance the long-lasting performance of other active ingredients on skin.

ADVANTAGES

- Good heat stability
- Low reactivity
- Colorless, tasteless, non-toxic
- Non-irritating to skin
- Soft and smooth feel
- Non-greasy
- Hair care conditioning agent
- Water-repellency, ventilation

TYPICAL PHYSICAL PROPERTIES

	Viscosity (25°C)	Volatiles (150°C,3h)	Flash point
PC12010-50	45-55cSt	< 1.0%	>300°C
PC12010-100	95-105cSt	< 1.0%	>310°C
PC12010-200	180-220cSt	< 1.0%	>315°C
PC12010-350	330-370cSt	< 1.0%	>315°C
PC12010-500	450-550cSt	< 1.0%	>315°C
PC12010-1000	950-1050cSt	< 1.0%	>315°C

APPLICATIONS

SiSiB[®]PC12010 (50-1000cSt) can be well formulated in personal care products to obtain better combing, conditioning and smoothness.

SINOPCC GROUP

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SiSiB[®] PC12010 (50-1000cSt) can be used directly or emulsified in personal care formulations. The preferred HLB value for O/W type of emulsifying is 10-11.

The recommended usage level is 1-5%.

PACKING AND STORAGE

SiSiB[®] PC12010 (50-1000cSt) is supplied in 200Kg steel drum or 1000Kg IBC tote.

In the original unopened packaging, SiSiB[®] PC12010 (50-1000cSt) has a shelf life of two years in a dry and cool place at room temperature.

NOTES

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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Please send all technical questions concerning quality and product safety to: support@SiSiB.com.