

SiSiB[®] PC1250 1

Silicone Wax

INCI: Bis-PEG Methyl Ether Dimethyl Silane

Introduction

SiSiB[®] PC12501 is cosmetics grade silicon wax and water soluble organic silicon ethylene glycol copolymer wax with low-melting point. It has membrane property and melt once touch skin which helps the skin to be smoother and softer and also can thicken the cream and lotion. If used in cleansing and washing products, it can help improve the quality of foam.

Advantages

- † Moist feeling
- † Decrease the feeling of greasy
- † Rich foam
- † Lather
- † Non-comedogenic
- † Non-acne

Typical Physical Properties

Appearance	White-light yellow solid
Melting range °C	30-36
Flash point °C	>100
D4 content %	<0.1
D5 content %	<0.1

Applications

Usage: 0.1-10%

SiSiB[®] PC12501 is water soluble. It is best to melt the material before configuring it.

In the inert environment, SiSiB[®] PC12501 is stable at high temperature and low temperature. Under certain conditions of water phase, SiSiB[®] PC12501 will be hydrolyzed into silane and a mixture of organic silicon polyether.

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Compatibility:

Compound	Solubility
Water	Excellent
Alcohol	Excellent
Propylene glycol	Excellent
Cyclohexasioxane	Insoluble
Dimethyl siloxane	Insoluble
Isopropyl cardamate	Insoluble
Octadecanol	Insoluble

Packing and Storage

SiSiB[®] PC12501 is supplied in 16Kg drum and 160Kg drum.

In the original unopened packaging, SiSiB[®] PC12501 has a shelf life of 12 months at least in a dry and cool place below 25°C.

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.