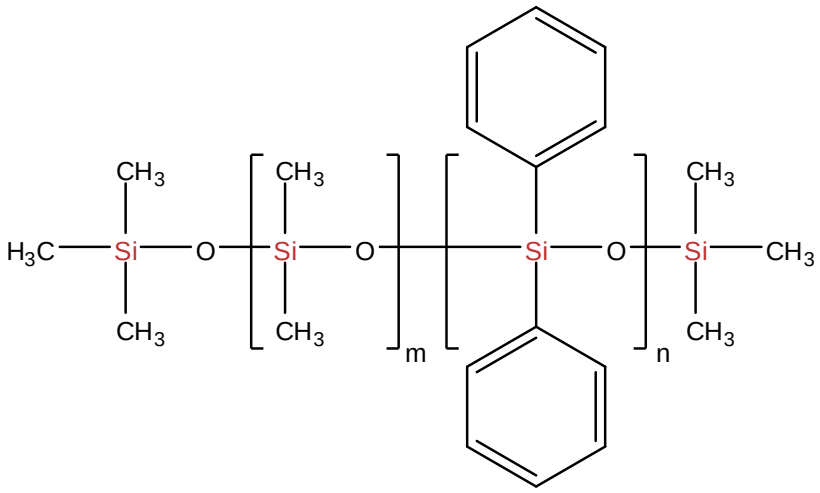
SiSiB® PC19822 Diphenylsiloxane-dimethylsiloxane Copolymer

INCI NAME

Diphenyl Dimethicone

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB® PC19822 is a high-gloss diphenyl-modified silicone suitable for skin care, sun protection, antiperspirants and hair care formulations. Due to its high refractive index, SiSiB® PC19822 provides a high level of gloss and is ideal for inclusion in hair care products.

SiSiB® PC19822 is 100% active and perfect for serums. Diphenyl Dimethicone is also an extremely soft, low-viscosity ingredient used in skin creams, antiperspirants, and especially sunscreen formulations.

ADVANTAGES

- Good compatibility with organic ingredient
- Good heat resistance
- High refractive index
- Essentially colorless, odorless and nontoxic
- Non-greasy feel
- Imparts gloss, softness and better manageability to skin

PHYSICAL PROPERTIES

Appearance	Colorless to yellowish transparent fluid
Refractive index (25°C)	1.505
Density (25°C, g/cm^3)	1.070
Viscosity (cSt, 25°C)	400

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BENEFITS & APPLICATIONS

SiSiB® PC19822 can be incorporated into other silicones or mineral oil for use in oil-based conditioning products or styling aids. It has good solubility in most organic esters and many solvents used in cosmetics.

RECOMMENDED DOSAGE

The recommended usage level of this product is 0.5-5.0%.

PACKING

SiSiB® PC19822 is supplied in 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

In the original unopened packaging, SiSiB® PC19822 has a shelf life of two years in a dry and cool place at room temperature below 35°C.

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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