

## SiSiB® PC16268 Silicone Elastomer Gel

**INCI NAME** Isododecane (and) Dimethicone/Vinyldimethicone Crosspolymer

**INTRODUCTION** SiSiB® PC16268 is a kind of silicone elastomer gel, which is a blend of Isododecane and Dimethicone/Vinyldimethicone crosspolymer.

SiSiB® PC16268 can be formulated into W/O or O/W emulsions, water-in-silicone-oil emulsions and anhydrous products etc. And it provides with smoothness, silky, and non-greasy touch.

- ADVANTAGES**
- Translucent to transparent elastomer gel
  - Slight sebum absorption
  - No harmful effect to the environment
  - Processing under room temperature
  - Reduces tackiness of formulations
  - Silky touch, non-greasy
  - Thickening effect in W/O systems.

**PHYSICAL PROPERTIES**

Appearance	Colorless to slight yellow Slightly translucent gel
Non-volatile content (% , w/w)	Min.14.0
Viscosity (cP, 25°C)	100000~300000

**BENEFITS & APPLICATIONS**

SiSiB® PC16268 can be used in skin care, hair care, and other potential formulations, such as sun care, color cosmetics, and styling aid, etc.

How to use:

This product could be dispersed into the oil-phase using simple mixing.

SiSiB®PC16268 can be added to the oil phase or silicone phase in an emulsion formulation.

SiSiB® PC16268 can be post-added to emulsions provided the emulsion is viscous enough for the products to be dispersed.

For ease of use, blending with dimethicone, cyclomethicone, phenylmethicone, fatty acid ester or hydrocarbon may reduce this product's

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viscosity.

The material of SiSiB® PC16268 should be processed in an enclosed vessel to prevent the volatility when heat is used, and the processing temperature should not be over 50°C.

### RECOMMENDED DOSAGE

The recommended usage level is 1-20%.

### PACKING

SiSiB® PC16268 is available in 15Kg plastic pails or 150Kg steel drums.

### 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® PC16268 has a shelf life of two years in a dry and cool place.

### 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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