

## SiSiB® PC19107-80K Silicone Gum

### INCI NAME

Dimethiconol

### DESCRIPTION

SiSiB® PC19107-80K is an ultra-high viscosity, hydroxyl-terminated polydimethylsiloxane (Dimethiconol) gum with a viscosity of approximately 80,000 cSt at 25°C. It forms a durable, flexible, and transparent film that imparts superior conditioning, smoothness, and moisture retention properties in personal care formulations.

### FEATURES & BENEFITS

- Forms a breathable, long-lasting conditioning film
- Excellent moisture retention and anti-dehydration properties
- Silky smooth skin feel without greasiness
- Improves shine, softness, and manageability in hair care
- Compatible with a wide range of cosmetic ingredients
- High stability in formulations across broad pH range

### PHYSICAL PROPERTIES

Appearance	Colorless clear liquid
CAS No.	70131-67-8
EINECS No.	615-070-3
Flash Point	>300°C
Specific gravity (25°C)	0.96-0.98
Viscosity (cSt, 25°C)	80,000

Note: The above data is provided for reference only and is not intended as a specification.

### BENEFITS & APPLICATIONS

**Skin Care:** Creams, serums, lotions, sunscreens

**Hair Care:** Conditioners, leave-in treatments, styling products

**Color Cosmetics:** Foundations, primers, lip products

**Other:** Suitable as a film-former in barrier-enhancing formulations

### USAGE GUIDELINES

**Typical Use Level:** 0.5 - 5.0% (by weight of total formulation)

**Handling:** Due to high viscosity, pre-blend with compatible low-viscosity silicone fluids or solvents (e.g., cyclopentasiloxane, dimethicone) to ease dispersion

**Incorporation:** Can be added at any stage of formulation depending on system compatibility

## SiSiB® PC19107-80K Silicone Gum

### PACKING

SiSiB® PC19107-80K is available in 25Kg box, or 190Kg 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 5°C and 35°C in the original unopened containers, SiSiB® PC19107-80K has a shelf life of 24 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.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability.

We disclaim liability for any incidental or consequential damages.