

Product Information

Personal Care

Silicone Elastomer Gel

Product Components:

Compound of Cyclopentasiloxane (and) Dimethicone Crosspolymer

Product Features:

- Compatible with most active matters (such as fragrances, vitamins and ramifications of vitamin)
- Soft and smooth feeling, with high powder texture
- Feeling of film formation
- Can be used as a thickener for W/O, O/W and water-free formulas

Product Advantages:

- Soft and exquisite powdery feeling
- Absorb facial sebum
- Dry and refreshing, non-greasy and non-sticky
- Long-lasting skin feeling
- Reduce the stickiness of formula
- Cover tiny wrinkles
- Quick absorption, matt effect
- Easy to add, can be cold formulated

Product Applications:

It can be formulated into W/O and O/W emulsion or cream products, also be used in water-free formula. It is usually applied to following series:

- Skin care products
- Makeup, sunscreen products
- Antiperspirant and deodorant

Limited Liability

This information is based on the test of **Silok** and was considered to be correct; It cannot supersede the assessments and testing that users need to do before using this product; **Silok** can only guarantee the sell products to meet the constituted sales standard; and the only responsibility of **Silok** for breach of warranty is as follows: replacement of an equivalent product or refund the purchase price; **Silok** expressly declares not responsible for the loss of accidental or incidental.

SiCare[®]9902

Silicone Elastomer Gel

INCI: Cyclopentasiloxane(and)Dimethicone Crosspolymer

Product Description:

It is a compound with large molecular weight silicone cross-linking copolymer in decamethyl dimethicone. It feels soft and moist, silky smooth and dry refreshing with high powdery texture. It can cover tiny wrinkles and make wrinkle instant visually disappear with its elasticity. When added in make-up primer and foundation, it can greatly improve the spreadability of makeup products and make it look more skin-fitting and natural. With sebum-controlling and matt effects, it can lower the stickiness in formula and improve softness and smoothness. In this way, the product can last long on skin to improve the moisture retention.

Typical Physical Properties:

The data based on Silok internal testing for reference only

Parameter	Value
Appearance	Colorless transparent to translucent gel
Silicone Gel Content %	12.0
Refraction Index n_D^{25}	1.3950 ± 0.0050
Density g/cm^3 (25°C)	0.96
Viscosity $mm^2/s/25^\circ C$	250,000-350,000
Carrier	Cyclopentasiloxane

SiCare[®]9902 Compatibility with common cosmetic ingredients:

Component	9902	10%	50%	90%
Proportion				
Water	I	I	I	I
Ethyl Alcohol	I	I	C	C
Propylene Glycol	I	I	C	C
Isopropyl alcohol	I	I	C	C

Glycerin	I	I	I
Esters			
IPM	C	C	C
Octyl Palmitate	C	C	C
Hydrocarbon			
Mineral Oil	I	I	C
Isododecane	C	C	C
Squalane	C	C	C
Silicone			
Dimethicone -10cst	C	C	C
Alkyl Silicone Oil	C	C	C
Phenyl Silicone Oil	C	C	C

Note: I= Incompatible, C = Compatible

Usage:

SiCare®9902 should be added along with oil phase or silicone phase if needed in the formula. Be sure that SiCare®9902 is totally homogenized in the oil phase before processing.

Use Restriction:

The product is not tested or unstated to be edible, medical or pharmaceutical.

Storage and Validity:

Unopened with original sealed packing and stored under 38°C; the shelf-life is 24 months since its date of production.

Sample Package: 75ml Colorless Glass Bottle

Product Package: 20kg Plastic Drum

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