

# KSG-16

## Silicone Elastomer

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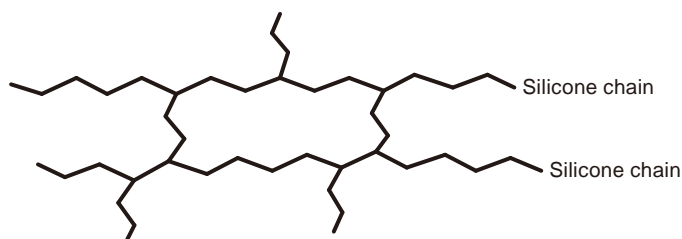
- **Features & Advantages**
  - Silky skin feeling
  - Thickening agent
  - Good compatibility with silicones
  - Matte effect

- **Applications**
  - Skin care
  - Make-up

- **Percentage of use** 0.5-100 %

- **INCI name** DIMETHICONE (AND)  
DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER

#### ■ Structure



#### ■ Characteristics

Properties	Unit	Values	Standard method / condition
Appearance (color)	—	Colorless to light yellow	Visual observation
Appearance (transparency)	—	Slightly haze to cloudiness	Visual observation
Appearance (form)	—	Paste to gel	Visual observation
Percentage of active raw material	%	20-30	
Worked penetration	—	330	JIS K 2220
Specific gravity	—	—	Densimeter
Refractive index	—	1.400	Refractometer

(Not specific values)

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### ■ Solubility / compatibility

KF-995 (Cyclopentasiloxane)	O
KF-96A-6cs (Dimethicone)	B
KF-96A-20cs (Dimethicone)	O
KF-96A-100cs (Dimethicone)	R
KF-56A (Phenyl trimethicone)	O
Isododecane	O
Mineral oil	R
Squalane	R
Isotridecyl Isononanoate	R
Cetyl caprylate	R
Jojoba (Buxus Chinensis) Oil	R
Triethylhexanoin	O
Triisostearin	R
Macadamia Ternifolia Nut Oil	R

B : Base oil  
O : Optional amount  
R : Restrictive use

### ■ Processing (How to use)

The product is ready to use. In case of solidification, please apply high shearing before use.

The product must be pre-dispersed in an adequate silicone or oil phase.

### ■ Packaging

16 kg can, 180 kg drum

### ■ Storage

The silicone products may deteriorate when it comes in contact with heat, light, acid, alkaline, etc.

Be sure to seal tightly and store in a cool dark place away from heat and flame.

### ■ Safety

Please consult our SDS.

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