version 2014/10/16 Shin-Etsu Chemical Co., Ltd.

Technical Data Sheet

KF-6017P

Emulsifying Linear Silicone

Silicone Emulsifier

■ Features & Advantages	Emulsions W/SiGood compatibility with silicones
■ Applications	Skin careMake-up
■ Porcontago of uso	0.1.4.9/

■ Percentage of use 0.1-4 %

■ INCI name PEG-10 DIMETHICONE

■ Structure

Linear silicone chain

PEG

PEG

PEG

■ Characteristics

Properties	Unit	Values	Standard method / condition
Appearance (color)	_	Colorless to light yellow	Visual observation
Appearance (transparency)	_	Transparent	Visual observation
Appearance (texture)	_	Liquid	Visual observation
Percentage of active raw material	%	100	
Viscosity	mm²/s	850	Cannon fenske viscosimeter
Specific gravity	_	1.01	Densimeter
Refractive index	_	1.420	Refractometer
HLB		4.5	Calculated

(Not specific values)

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■ Solubility / compatibility

KF-995 (Cyclopentasiloxane)	S
KF-96A-6cs (Dimethicone)	S
Mineral oil	PS
Isotridecyl Isononanoate	S
Triethylhexanoin	S
Ethyl alcohol	S
Isopropyl alcohol	S
Propylene glycol	S
Butylene glycol	S
Glycerin	I
Water	I

S : Soluble
PS: Partially soluble
I : Insoluble

Tests done at 20% of concentration

■ Processing (How to use)	The product is ready to use.	
■ Packaging	16 kg can	
■ 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 MSDS.	

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