

Gransil SiW-7100

Water-Coated Silicone Technology

INCI NAME

Methyl Perfluorobutyl Ether (and) Isododecane (and) Water (and) Polysilicone-11 (and) Butylene Glycol (and) Decyl Glucoside

PERFORMANCE

- Allows the addition of elastomers and powders into difficult formulating settings
- Minimal or no additional emulsifier requirement; reduces possible irritation profile
- Provides enhanced aesthetics to formulations; unique formula break upon application
- Cold process compatible for energy/cost savings; can be mixed directly with aqueous phase at suggested levels
- Delivers excellent non-tacky, non-oily, smooth characteristics
- Elastomer network offers sebum absorption and control
- Transformation into matte appearance with powdery after feel

FORMULATION

- Designed to be formulated directly with aqueous phase
 - Easily formulated in water systems at 60°C or below
- Can be added to all existing emulsions types for improved skin feel
 - Applications include (but are not limited to) skincare, color cosmetic, sun care and hair care formulations
 - Particularly useful in liquid to powder foundations

Technical Support? formula@grantinc.com

PHYSICAL PROPERTIES

Appearance	Off-white opaque gel
Viscosity at Amorphous State @ 25°C, cPs (Brookfield DV-I+, Spindle TE, 0.3rpm, 1.0min)	300,000 – 600,000 (measured right after mixing)
Non-Volatile Matter, wt% (105°C, 1.5g, 3hrs, Gravity Oven)	4.50 – 8.50
pH	5.50 – 7.50
Microbial Content, CFU/g	<100
Preservative	0.1% Diocide
Shelf Life	Two years in a closed container
PACKAGING	16kg pail and 180kg drum