

# CareSil

The chemistry of care



## CareSil® Elastomer Gel

# CXG-1103

INCI Nomenclature: Cyclopentasiloxane (and)  
Cyclohexasiloxane (and) Dimethicone/Vinyl Dimethicone  
Crosspolymer

## Data Sheet

CareSil® CXG-1103 is a high purity 8% elastomer gel delivered in cyclopentasiloxane and cyclohexasiloxane that is ideal for a wide variety of skin care and color cosmetic formulations. This material delivers increased shine and gloss compared to standard elastomer gels.

### Applications

- Moisturization
- Anti-Aging/Anti-Wrinkle
- Sunscreen, After-Sun, and Self-Tanners
- Skin Repair Serums
- Skin Tone Repair
- Men's Grooming
- Color Cosmetics

### Features

- High purity: <0.05% D4 cyclic content
- Proprietary process creates an elastomer gel free of pilling and balling
- High clarity Silicone
- Lower process viscosity for ease of use

### Benefits

- Delivers a silky and non-greasy feel within skin care applications
- Increased shine and gloss
- D6 offers a unique sensory feel in formulations
- Ideal for non-irritating and sensitive skin care applications

PROPERTIES	AVERAGE RESULT	STANDARD	NT-TM
Appearance	Colorless, Transparent	ASTM D2090	002
*Odor	Odorless	-	095
Viscosity	60,000 cP	ASTM D1084 ASTM D2196	001
Refractive Index	1.40	ASTM D1747 ASTM D1218	018
Specific Gravity	0.95	ASTM D891 ASTM D1475	022
Non-Volatile Content	8.0%	ASTM D2288	004
D4 Content	<0.05%	-	084
*Irritation Testing	Pass	-	351
*Sensitization Testing	Pass	-	350

\*Properties NOT tested on a lot-to-lot basis

CXG-1103  
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## Instructions for Use

Please contact NuSil Technology for formulation guidelines, as well as sample quantities.

## Chinese IECIC

This product is included on the Inventory of Existing Cosmetic Ingredients in China (IECIC) 2014 Draft.

### NuSil Technology

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### Packaging

- 8oz Sample
- 16kg Pail
- 190kg Drum

### Use By

36 Months from Date  
of Manufacture

## Specifications

Do not use the properties shown in this technical profile as a basis for preparing specifications. Please contact NuSil Technology for assistance and recommendations in establishing particular specifications.

## Warranty Information

NuSil recommends using the material within 36 months of manufacture when stored below 40°C in original unopened containers. Unless NuSil Technology provides a specific written warranty of fitness for a particular use, NuSil Technology's sole warranty is that the product will meet NuSil Technology's then current specification. NuSil Technology specifically disclaims all other expressed or implied warranties, including, but not limited to, warranties of merchantability and fitness for use. The exclusive remedy and NuSil Technology's sole liability for breach of warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. NuSil Technology expressly disclaims any liability for incidental or consequential damages. NuSil Technology makes no claim or warrant that this product is intended to affect the structure or any function of the human body.

## Warnings About Product Safety

NuSil Technology has tested this material to assess its compliance with the current specification requirements. NuSil recommends each purchaser ensure the material complies with all applicable laws, as well as complies with their applications specific safety protocol. NuSil Technology suggests users further test CareSil® materials to facilitate the safety and suitability of the material within their specific application requirements.

When considering the use of NuSil Technology products in a particular application review the latest Safety Data Sheet and contact NuSil Technology with any questions about product safety information.

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