

CareSil

The chemistry of care



CareSil® Elastomer Gel

CXG-1101

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

Data Sheet

CareSil® CXG-1101 is a high purity elastomer gel at 12% solids delivered in cyclopentasiloxane. This ingredient is ideal for a wide variety of skin care formulations. This material delivers mattifying properties with a powdery feel.

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
- Enhances soft focus attributes and increased cushion

Benefits

- Mattifying properties
- Non-tacky film former that provides excellent coverage
- Texturizing balance – adds structure while not compromising spreadability
- Ideal for non-irritating and sensitive skin care applications

PROPERTIES	AVERAGE RESULT	STANDARD	NT-TM
Viscosity	550,000 cP	ASTM D1084, D2196	001
Cyclotetrasiloxane Content	<0.05%	-	084
Appearance	Colorless to light yellow, Transparent	ASTM D2090	002
*Refractive Index	1.40	ASTM D1747, D1218	018
Specific Gravity	0.96	ASTM D891, D1475	022
Non-Volatile Content	12.0%	ASTM D2288	004
*Irritation Testing	Pass	-	351
*Sensitization Testing	Pass	-	350

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

CXG-1101
May 18, 2016 Rev. D

© 2016 NuSil Technology LLC

Instructions for Use

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

NuSil Technology

1050 Cindy Lane
Carpinteria, CA 93013 USA

Tel: +1 (805) 684-8780
Email: caresil@nusil.com
www.CareSil.com

Packaging

- 0.200kg Sample
- 16.0kg 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 the date 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

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's products in a particular application review the latest Safety Data Sheet and contact NuSil Technology with any questions about product safety information.

Patent/Intellectual Property Warning

NuSil Technology disclaims any expressed or implied warranty against the infringement of any domestic or international patent/intellectual property right. NuSil Technology does not warrant the use or sale of the products described herein will not infringe the claims of any domestic or international patent/intellectual property right covering the product itself, its use in combination with other products, or its use in the operation of any process.