



# Gum Blend Emulsions

## Overview

Andisil® Gum Blend Emulsions for personal care offer ease-of-use when added to water-based formulations.

## Product Specifications\*

Name	INCI Name	Viscosity	Gum Content %
Andisil® EM 1505CG	Cyclopentasiloxane (and) Dimethiconol (and) Laureth-23 (and) Laureth-4	6,000 cP	15
Andisil® EM 1605CG	Cyclohexasiloxane (and) Dimethiconol (and) Laureth-23 (and) Laureth-4	6,000 cP	15
Andisil® EM 2205CG	Dimethicone (and) Dimethiconol (and) Laureth-23 (and) Laureth-4	10,000 cP	15
Andisil® EM 2305CG	Dimethicone (and) Dimethiconol (and) Laureth-23 (and) Laureth-4	3,000 cP	15
Andisil® EM 2505CG	Dimethicone (and) Dimethiconol (and) Laureth-23 (and) Laureth-4	3,000 cP	15
Andisil® EM 3005CG	Dimethicone (and) C12-15 Alkyl Benzoate (and) Dimethiconol (and) Trideceth-6 (and) Trideceth-12 (and) Isodeceth-32	3,000 cP	15

\* These properties are not intended to be used as specifications but only as suggested characteristics  
Percent active silicone content can be customized to meet your specific formulation requirements

SKIN CARE		
Applications	Benefits	
<ul style="list-style-type: none"> <li>Cleansers</li> <li>Creams</li> <li>Color Cosmetics</li> <li>Lotions</li> <li>Serums</li> <li>Sun Care</li> </ul>	<ul style="list-style-type: none"> <li>Cushion</li> <li>Film Forming</li> <li>Lubrication</li> <li>Organic Compatibility</li> <li>Skin Protectant</li> <li>Spreadability</li> </ul>	<ul style="list-style-type: none"> <li>Suitable for Clear Formulations</li> <li>Wash off Resistance</li> <li>Water Repellency</li> </ul>

## Application Recommendations

Name	
Andisil® EM 1505CG	Recommended for emolliency in lotions and serums where cyclics are applicable
Andisil® EM 1605CG	Provides velvety feel in skin care where cyclics are applicable
Andisil® EM 2205CG	Recommended for smooth application and feel; non-cyclic blend
Andisil® EM 2305CG	Recommended to improve texture in sun care and creams
Andisil® EM 2505CG	Recommended for night creams and heavier textures
Andisil® EM 3005CG	Recommended for cascading volatility and longer play times

*Beauty.*  
In the hands of the  
formulator



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(continued)

HAIR CARE		
Applications	Benefits	
<ul style="list-style-type: none"> <li>• Conditioner (leave in)</li> <li>• Styling Treatments</li> </ul>	<ul style="list-style-type: none"> <li>• Anti-Frizz</li> <li>• Conditioning</li> <li>• Ease of Formulation</li> <li>• For Dry / Damaged Hair</li> <li>• Improves Dry Combing</li> </ul>	<ul style="list-style-type: none"> <li>• Improves Wet Combing</li> <li>• Improves Texture</li> <li>• Low Residue/Light Build Up</li> <li>• Soft/Supple Feel</li> <li>• Water Soluble</li> </ul>

## Application Recommendations

Name	
Andisil® EM 1505CG	Most volatile of the cyclic-based carrier gum blend emulsions; best option for formulations requiring shortest play times
Andisil® EM 1605CG	Least volatile of the cyclic-based carrier gum blend emulsions; best option for formulations requiring longer play times
Andisil® EM 2205CG	Most volatile of the linear carrier gum blend emulsions; best option for formulations requiring short play times when cyclic carriers are not desired
Andisil® EM 2305CG	Intermediate volatility of the linear carrier gum blend emulsions
Andisil® EM 2505CG	Least volatile of the linear carrier gum blend emulsions; best option for formulations requiring longer play times when cyclic carriers are not desired
Andisil® EM 3005CG	Recommended for water-based formulations needing longer play times and improved organic compatibility

## Storage & Shelf Life

The shelf life, when the container is stored unopened and under proper conditions at room temperature, is expected to be a minimum of twelve months. It is recommended to ground the container when pouring or weighing a quantity into another container or vessel to eliminate the chance of a static discharge.

## Packaging

Andisil® Gum Blend Emulsions for personal care packaging options are available upon request.

For additional information on the product, please contact your Sales Representative.

We believe that the information shown in this Product Bulletin to be an accurate description of the typical characteristics and/or uses of the product. Any suggestions of uses are not to be taken as an inducement to infringe any particular domestic or foreign patent. We recommend that the product be thoroughly tested for a specific application to determine the performance, efficacy and its safe handling and use.

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HEADQUARTERS  
AB Specialty Silicones  
3790 Sunset Avenue  
Waukegan, IL 60087

PHONE 908.376.1360  
TOLL FREE 800.678.3024  
FAX 224.232.1999

EMAIL [info@andisil-personal-care.com](mailto:info@andisil-personal-care.com)  
WEB [www.andisil-personal-care.com](http://www.andisil-personal-care.com)