



Silicone Elastomer Blends

Overview

Andisil® Silicone Elastomer Blends are mixtures of a dimethicone crosspolymer and various carriers. They can be used in many formulations to impart a soft, silky feel and as a thickener. Andisil® Silicone Elastomer Blends also provide a mattifying effect to the finished product and help improve the stability of personal care formulations.

Product Specifications*

Name	Andisil® CP 1020	Andisil® CP 1030	Andisil® CP 1050
INCI Name	Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer	Methyl Trimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer	Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer
Carrier	Dimethicone	Methyl Trimethicone	Cyclopentasiloxane
Appearance	Colorless/light yellow, slightly hazy gel	Colorless/light yellow, slightly hazy gel	Colorless/light yellow, slightly hazy gel
% Active	20 - 30	15 - 20	4 - 10
Refractive Index	1.400	1.389	1.397

* These properties are not intended to be used as specifications but only as suggested characteristics

SKIN CARE

Applications

- Antiperspirants / Deodorants
- Creams
- Color Cosmetics
- Lotions
- Sun Care

Benefits

- Cushion
- Ease of Formulation
- Mattifying Effect
- Soft, Silky Feel
- Spreadability
- Thickener

Application Recommendations

Name

Andisil® CP 1020	Recommended for use as a thickener in the oil phase for a very thick consistency
Andisil® CP 1030	Recommended for use as a thickener in the oil phase and for a high cushion feel
Andisil® CP 1050	Recommended for use in W/O, O/W, and non-aqueous emulsions for a clear, matte finish

Beauty.

In the hands of the
formulator



Silicone Elastomer Blends (continued)

Compatibility Chart

	Andisil® CP 1020	Andisil® CP 1030	Andisil® CP 1050
Andisil® D5 INCI: Cyclopentasiloxane	✓	✓	B
Andisil® SF 5 INCI: Dimethicone, 5 cSt	B	✓	✓
Andisil® SF 20 INCI: Dimethicone, 20 cSt	✓	✓	✓
Andisil® SF 100 INCI: Dimethicone, 100 cSt	R	R	R
Andisil® PTM 20 INCI: Phenyltrimethicone	✓	na	✓

✓	COMPATIBLE
B	BASE
R	RESTRICTED USE
na	DATA UNAVAILABLE

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 from the date of manufacture.

Packaging

Andisil® Silicone Emulsifiers 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.

Beauty.
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