



SM9212G

SeraSilk EL 12

INCI : Cyclopentasiloxane (and) Dimethicone
Crosspolymer

Applications

Skin Care

Color cosmetics

Benefits

Soft and long lasting skin feel

Thickening agent

less than 0.1% D4, D5 contents

Description

KCC Beauty SeraSilk EL 12 is a mixture of high molecular weight crosslinked silicone elastomer in Cyclopentasiloxane. SeraSilk EL 12 has less than 0.1% D4 contents. It can be included in many products to enhance the skin feel, spreadability, absorption of the finished product.

KCC Beauty SeraSilk EL 12 provides thickening of cosmetic formulations. They have the ability to increase formulation oil phase viscosity and produce a silky and long lasting skin feel.

Typical Properties

Appearance	Translucent paste
Viscosity(cP, 25°C) - Brookfield helipath stand, 2.5rpm, #93	320,000 cP
D4 Content(%)	<0.1%
CTFA / INCI Designation	Cyclopentasiloxane (and) Dimethicone Crosspolymer

Typical Properties

The values mentioned are not intended for use in preparing specifications. We have made every effort to ensure these values are correct as of the revision date of this document.

Method of Use

As a versatile ingredient, the method of use will depend on the type of formulation in which the SeraSilk EL 12 is being included and the other ingredients involved.

A few formulation suggestions include :

- Adding the elastomer into the oil or silicone phase of an emulsion.
- Pre-dispersion in low molecular weight dimethicone before addition to a formulation.

For examples of how to formulate with this material, please see formulation in our formulation guide

Recommended Usage Level

Usage level is highly dependent on application and is usually between 0.5 and 100%.

Packaging

18kg pails and 160kg drums.

Storage and Shelf Life

The product should be stored below 30°C and not be allowed to freeze. Shelf life of the unopened container is 24months from the date of manufacture. If you wish to use this product after this time, please contact us for details.

Toxicity and Handling

Please see our SeraSilk EL 12 safety data sheet for more details. Information for safe use of this product is not included in this document. Before handling please read container labels and the safety data sheet for physical, environmental and health hazard information.

Limited Warranty Information

Although every effort has been made to ensure that the information contained within this data sheet is reliable, we cannot be held responsible for the correctness of the information or for any loss, injury or damage which may result from its use. Suggestions of uses should not be taken as inducements to infringe any particular existing patent.

Company Details

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