

BELSIL® OW 2100

PEG-12 Dimethicone

Product description:

BELSIL® OW 2100 is a copolymer of polydimethylsiloxane and organic glycol.

BELSIL® OW 2100 has good compatibility with a wide range of cosmetic ingredients, such as water, ethanol and hydroalcoholic systems. It is stable in water systems.

BELSIL® OW 2100 can maintain lower odor for a long time. Excellent conditioning effect can be achieved with low dosage level in formulation.

Application

BELSIL® OW 2100 can be widely used in personal care applications, such as shampoos, conditioner, styling gel and other leave-on products, skin-care lotions, shaving cream and body wash, etc.

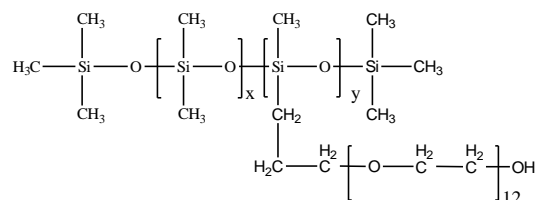
In shampoo formulation, BELSIL® OW 2100 can improve silky smooth feeling as a light conditioning agent.

In body wash formulation, BELSIL® OW 2100 help to form dense and stable foam and improve the skin feel after washing.

In hair styling products, BELSIL® OW 2100 can be used as plasticizer to reduce the brittleness and exfoliate of organic polymer.

In skin-care formulation, BELSIL® OW 2100 improves skin feeling and formulation stability as co-emulsifier in O/W system.

Structural formula:



Storage

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

Product data

Typical General Characteristics	Inspection Methods	Value
Appearance		Clear to hazy liquid
Viscosity dynamic at 25 °C		approx.400 mPa.s
Density at 25 °C	DIN 51757	approx.1.07 g/cm ³
Refractive index at 25 °C, at 1013hPa		approx.1.45
Flash point	ISO 2719	> 100°C
INCI name		PEG-12 Dimethicone

These figures are only intended as a guide and should not be used in preparing specifications

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

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For technical, quality, or product safety questions, please contact:

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