

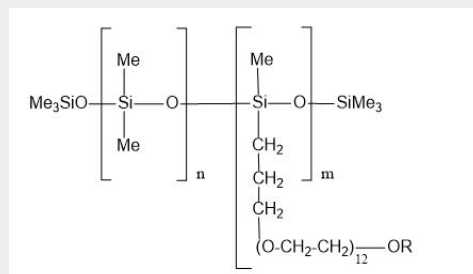
BELSIL® OW 2100 DE



Silicone Fluids, functional (INCI)

BELSIL® OW 2100 DE is a copolymer of polydimethylsiloxane and organic glycol. BELSIL® OW 2100 DE has good compatibility with a wide range of cosmetic ingredients, such as water and alcohol. It is stable in water systems. BELSIL® OW 2100 DE has a calculated HLB of 12. Excellent conditioning effect can be achieved with low dosage level in formulation.

INCI PEG-12 Dimethicone



Technical data

General Characteristics

Property	Condition	Value	Method
Refractive index	25 °C 1013 nm	approx. 1.45	-
Appearance	-	clear to hazy liquid	-
Density	25 °C	1.07 g/cm ³	DIN 51757
Flash point	-	> 110 °C	ISO 2719
INCI name	-	PEG-12 Dimethicone	-
Viscosity, dynamic	25 °C	approx. 350 mPa·s	-

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

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Applications

- Conditioners
- Eye Make-up
- Hair Styling
- Make-up Foundation
- Shampoos
- Skin Care
- Sun Care

Application details

BELSIL® OW 2100 DE 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 DE can improve silky smooth feeling as a light conditioning agent. In Body Wash formulation, BELSIL® OW 2100 DE helps to form dense and stable foam and improves the skin feel after washing. In Hair Styling products, BELSIL® OW 2100 DE can be used as plasticizer to reduce the brittleness and exfoliate of organic polymer.

In Skin Care formulation, BELSIL® OW 2100 DE improves skin feeling and formulation stability as coemulsifier in O/W system.

Packaging and storage

Storage

During storage at lower temperatures BELSIL® OW 2100 DE can become hazy and solidify to a soft wax. This effect is reversed upon heating and is common to silicone glycol copolymers. The quality of the product or the product performance is not affected by repeated freeze thaw cycles.

Further information for storage: Store in a dry and cool place. 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>.

QR Code BELSIL® OW 2100 DE



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

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