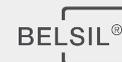


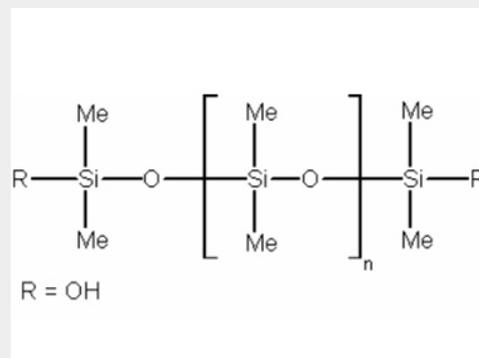
BELSIL[®] DM 3112 VP



Silicone Fluid Emulsions

BELSIL[®] DM 3112 VP is an anionic emulsion of a high-viscosity dimethiconol with small particle size. The dimethiconol forms in-situ in the emulsion system and is adjusted to a viscosity of approx. 1000000 mPas.

INCI Dimethiconol, Sodium Dodecylbenzenesulfonate



Properties

BELSIL[®] DM 3112 VP is an effective conditioning agent for hair care products. The emulsion improves dry and wet combability and eases detangling. BELSIL[®] DM 3112 VP adds a soft, silky perception to hair at wet and dry stage.

Technical data

General Characteristics

Property	Condition	Value	Method
Emulsifier	-	anionic	-
Appearance	-	milky, white	-
Active ingredients content	-	approx. 50 %	-
Fluid viscosity	-	approx. 1000000 mPa·s	DIN 53018
INCI name	-	Dimethiconol, sodium dodecylbenzene sulfonate	-
Particle size	-	< 600 nm	-
Viscosity, dynamic	25 °C	approx. 2750 mPa·s	DIN EN ISO 2555
pH	-	5.5 - 7.5	Indicator strips

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.

Protect against frost.

Applications

- Shampoos
- Conditioners

Application details

The main field of application for BELSIL® DM 3112 VP is shampoo. It can also be applied as efficient condition agent in rinse-off or leave-in conditioner formulations, as well as hair styling products.

Processing:

- Recommended use levels of BELSIL® DM 3112 VP in shampoo, conditioning and styling are 1% to 4 %.

The emulsion needs to be stirred well before use.

Packaging and storage

Storage

Minimum temperature allowed during storage and transportation: 0 °C

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® DM 3112 VP



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

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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.