

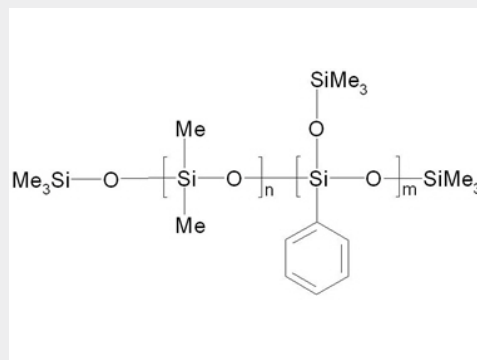
BELSIL® PDM 20



Silicone Fluids, functional (INCI)

BELSIL® PDM 20 is a phenyl-modified polydimethylsiloxane characterized by having a higher refractive index than dimethicone fluids (1.38-1.40). It offers clear advantages over dimethicones with regard to skin feel, shine and compatibility with other cosmetic raw materials.

INCI Trimethylsiloxyphenyl Dimethicone



Technical data

General Characteristics

Property	Condition	Value	Method
Refractive index	25 °C	1.437	-
Appearance	-	clear, colorless	-
Density	25 °C 1013 hPa	approx. 1 g/cm ³	DIN 51757
Flash point	-	approx. 170 °C	ISO 2719
INCI name	-	Trimethylsiloxyphenyl Dimethicone	-
Ignition temperature (liquids)	-	approx. 450 °C	DIN 51794
Viscosity, kinematic	25 °C	approx. 20 mm ² /s	DIN 51562

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

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

Application details

BELSIL® PDM 20 is used in all kinds of cosmetics formulations, but mostly in Hair Care compositions and Color Cosmetic due to their shine-enhancing benefits. BELSIL® PDM 20 reduces the stickiness of formulations containing acrylic acid polymers. It is an excellent emollient in skincare products, imparts a very pleasant feel to the skin, and provides water-repellency. In antiperspirant formulations, phenyl-modified silicones are employed as a refractive-index match to promote the formation of clear products.

Packaging and storage

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>.

QR Code BELSIL® PDM 20



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

Wacker Chemie AG, Hanns-Seidel-Platz 4, 81737 Munich, Germany
info@wacker.com, www.wacker.com

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.