

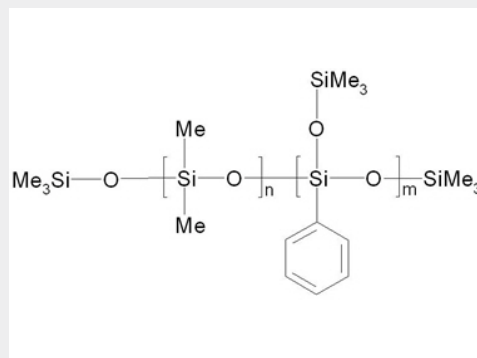
BELSIL[®] PDM 20



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 | - | 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

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

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:

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