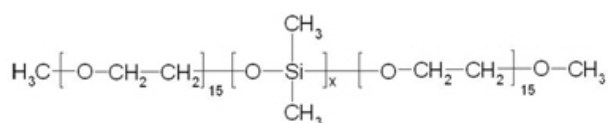


BELSIL® DMC 6038

BIS-PEG 15-METHYL ETHER DIMETHICONE

Product description

Structural formula:



BELSIL® DMC 6038 is a wax-like, waterdisperable dimethicone copolyol that exhibits good compatibility with polar ingredients.

Application

BELSIL® DMC 6038 is used in skincare and hair-care formulations as well as in deodorants because of its good compatibility with other ingredients. Its low melting point improve the distribution of creams, lotions, deodorant sticks and roll-on deodorants.

BELSIL® DMC 6038 enhances the softening and moisturizing properties of the formulation. Besides offering the possibility of formulating clear products, BELSIL® DMC 6038 exerts a profoaming effect in shower gels and shampoos and enhances the softness of skin and hair.

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 Method	Value
Appearance		white, opaque, solid
Refractive index at 35 °C		1,458
Melting point / Melting range		approx. 30 °C
Flash point	DIN 51376	241 °C
INCI name		Bis-PEG 15-Methyl Ether Dimethicone

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

Additional information

Solubility

Ingredient	BELSIL® DMC 6038	Ingredient	BELSIL® DMC 6038
Mineral oils		Emulsifiers / ethoxylated oils	
C9-13 isoparaffin	-	PEG-75 Lanolin oil	✓
Mineral oil (high-visc.)	-	PEG-7 Glyceryl Cocoate	-
Mineral oil (low-visc.)	-	PPG-5-Laureth-5	✓
Ester oils / waxes		Alcohols & water	
Ethyl acetate	-	Octyl dodecanol	-
C12-15 alkyl benzoate	-	Oleyl alcohol	✓
Isopropyl myristate	-	Propylene glycol	✓
Decyl oleate	-	Isopropanol	✓
Oleyl oleate	-	Ethanol	✓
		Glycerol	✓
Triglycerides			
Castor oil	✓		
Olive oil	-	Silicone fluids	
Wheatgerm oil	-	Cyclopentasiloxane	-
Lanolin oil	-	Disiloxane (BELSIL® DM 0.65)	-
		Dimethicone (BELSIL® DM 100)	-
		Trimethylsiloxyphenyl Dimethicone (BELSIL® PDM 20, 350, 1000)	-
UV-Filters			
Ethylhexyl Methoxycinnamate	-		
Ethylhexyl Salicylate	✓		
Benzophenone-3	-	Water	d

✓ = soluble (> 10%)

p = partially soluble (1 - 10%)

- = insoluble

d = dispersible

The data presented in this leaflet 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 leaflet 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 recommendations do 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 products 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:

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

www.wacker.com