

Description	<p>C.T.F.A. / I.N.C.I. Name: DIMETHICONE</p> <p>CAS N° 63148 – 62 – 9</p> <p>MIRASIL DM 350 is a linear polydimethylsiloxane fluid with a medium viscosity and low molecular weight.</p>
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Examples of applications	<ul style="list-style-type: none"> • Skin care: creams and lotions - recommended use levels 0.5–2% for a soft feel; 5–10% for a protecting effect. • Deodorants and antiperspirants: recommended use levels 0.5–2% for detackification. • Make up removers, shaving lotions and shaving foams: recommended use levels 0.5 – 2%. • Sun products: protection and waterproof effect - recommended use levels 1-10%.
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Key benefits	<p>MIRASIL DM 350 confers skin feel, spreadability, conditioning strength, shine, and is a good pigment dispersant.</p>
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Typical properties	<table border="1"> <tr> <td></td> <td>MIRASIL DM 350</td> </tr> <tr> <td>Appearance</td> <td>Limpid, with no extraneous matter</td> </tr> <tr> <td>D5 Content</td> <td></td> </tr> <tr> <td>Viscosity NF T 76102</td> <td>350 mm²/s</td> </tr> </table>		MIRASIL DM 350	Appearance	Limpid, with no extraneous matter	D5 Content		Viscosity NF T 76102	350 mm ² /s
	MIRASIL DM 350								
Appearance	Limpid, with no extraneous matter								
D5 Content									
Viscosity NF T 76102	350 mm ² /s								

Appearance.....	Clear liquid visibly free from suspended matter
Colour (<i>Hazen</i>).....	< 30
Turbidity (<i>NTU</i>).....	< 4
Odour.....	None to slight
Specific gravity (<i>At 25°C, Kg/m³, approx.</i>).....	970
Viscosity (<i>At 25°C,mm²/s, approx.</i>).....	350
Refractive index (<i>At 25°C</i>).....	1.403
Identity (<i>I.R. Spectrum</i>).....	Conform
Freezing point (<i>°C</i>).....	- 50
Flash point (<i>Closed cup, °C, approx.</i>).....	300
Volatile content (<i>150°C, 1g-2h, %, approx.</i>).....	< 0.3
Acidity (<i>2g, in NaOH - 0.01N; ml</i>)	< 0.15

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Heavy metals (<i>ppm Pb</i>)..... < 5			
Solubility of MIRASIL DM 350 with various cosmetic ingredients			
TYPE OF MATERIAL	1:9*	5:5	9:1
Water	I	I	I
HYDROCARBONS	1:9*	5:5	9:1
Mineral Oil	I	I	I
Isododecane	S	S	S
ALCOHOLS & GLYCOLS	1:9*	5:5	9:1
Ethanol	I	I	I
Glycerin	I	I	I
Propylene Glycol	I	I	I
Octyldodecanol	I	I	I
Dipropylene Glycol	I	I	I
OILS	1:9*	5:5	9:1
Simmondsia Chinensis (Jojoba) Seed Oil	I	I	I
Prunus Amygdalus Dulcis (Sweet Almond) Oil	I	I	I
Ricinus Communis (Castor) Seed Oil	I	I	I
Triticum Vulgare (Wheat) Germ Oil	I	I	I
ESTERS	1:9*	5:5	9:1
Isopropyl Myristate	S	S	S
Isopropyl Palmitate	S	S	S
C ₁₂ -C ₁₅ Alkyl Benzoate	I	I	I
Caprylic/Capric Triglyceride	I	I	I

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SUNSCREENS	1:9*	5:5	9:1
Buthyl Methoxydibenzoylmethane	I	I	S
Ethylhexyl Methoxycinnamate	S	S	S
Benzophenone-3	I	S	S
WAX	1:9*	5:5	9:1
Beeswax (at 70°C)	S	S	S
SILICONES	1:9*	5:5	9:1
CM5 (Cyclopentasiloxane)	S	S	S
C-DML (Cyclopentasiloxane (and) Dimethiconol)	S	S	S
DM 60 000 (Dimethicone high viscosity)	S	S	S
PTM (Phenyl Trimethicone)	S	S	S
ADME-P (Water(and)Amodimethicone(and)Trideceth-6)	I	I	I
DMCO (PEG/PPG-22/24 Dimethicone)	I	I	I
ADMH 395 (Propoxytetramethyl Piperidiny Dimethicone)	S	S	S
C-DMP (Cyclopentasiloxane (and) PEG/PPG-18/18 Dimethicone)	S	S	S
<p>* = 10% of MIRASIL DM 350 and 90% of tested material</p> <p>S = Soluble</p> <p>I = Completely or partially insoluble</p>			

Please note: The typical properties are not intended for use in preparing specifications. Please contact our local Sales Department for assistance in writing specifications.

Instruction of use For more information, please download the TDS available in PDF format below.

Packaging

- MIRASIL DM 350 is available in
 - Pallet of 1000 KG (2205 LB)
 - Drum of 200 KG (441 LB)

Storage and shelf life When stored in its original packaging:

MIRASIL DM 350

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MIRASIL DM 350 may be stored at a temperature between -20 °C/ -4 °F and 50 °C/ 122 °F for up to 36 months from its date of manufacturing.
Comply with the storage instructions and expiration date marked on the packaging. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.

Regulation	Please consult your local ELKEM SILICONES sales office.
Limitations	Please consult your local ELKEM SILICONES sales office.
Safety	Please consult the Safety Data Sheet of: MIRASIL DM 350

Visit our website www.silicones.elkem.com

Warning to the users

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