

Description

CTFA/INCI Name: CYCLOPENTASILOXANE (and) DIMETHICONOL.

CAS N° 541 – 02 – 6 (and) 70131 – 67 – 8

MIRASIL C-DML is a solution of a Dimethiconol gum of very high viscosity at 15% in Cyclopentasiloxane.

Easy to handle blend of high molecular weight Dimethiconol.

Examples of applications

In skin care applications, MIRASIL C-DML will impart a smooth dry feel on the skin and can help to improve water-resistance properties and long lasting effect in sun care products.

Confers antistatic and gloss effects to hair and leaves the hair with a soft, silky feel.

MIRASIL C-DML will contribute to improve both wet and dry combing.

MIRASIL C-DML is recommended in cuticle coat products, for its protecting action on split ends.

Recommended use levels :

3 – 10% in skin or hair care products.

60% min. in cuticle coat products.

Key benefits

The Cyclopentasiloxane part will rapidly evaporate, while the Dimethiconol part will remain on the skin or on hair providing an increased substantivity and conditioning effect.

Typical properties

	MIRASIL C-DML
Appearance	Clear liquid visibly free from suspended matter
Dry content	15 %
Refractive index	1.399
Viscosity NF T 76102	6000 mPa.s

- Appearance..... Clear liquid visibly free from suspended matter
- Colour (Hazen)..... < 30
- Odour..... None to slight
- Viscosity (At 25°C, mPa.s, approx.)..... 6000
- Specific gravity (At 25°C, kg/m³, approx.)..... 960
- Absorption UV DO..... < 0.2
- Refractive Index (At 25°C)..... 1.396 to 1.402
- Identity (I.R. Spectrum)..... Conform
- Solid content (150°C, 1g - 2h, %, approx.)..... 15
- Heavy metals (ppm Pb) < 5
- Freezing point (°C) < -30
- Flash point (Closed cup, °C, approx.)+73

MIRASIL C-DML

Technical Data Sheet n° 1635-V1 – 2018/11/30

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	Please consult your local ELKEM SILICONES sales office.
Packaging	<ul style="list-style-type: none">• MIRASIL C-DML is available in<ul style="list-style-type: none">○ Drum of 200 KG (441 LB)○ Pail of 25 KG (55.13 LB)○ Tote bin of 900 KG (1984.5 LB)
Storage and shelf life	When stored in its original packaging: MIRASIL C-DML may be stored at a temperature between 2 °C/ 36 °F and 40 °C/ 104 °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 C-DML

Visit our website www.silicones.elkem.com

Warning to the users

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