

**Polynt SpA – Headquarter**

Via Enrico Fermi, 51  
I-24020 Scanzorosciate (Bg) Italy  
Tel. +39 035 652770 Fax +39 035 652814

**Polynt SpA**

Via Abate Bertone, 10  
13881 Cavaglià (BI) Italy  
Tel. +39 0161 996611 Fax. +39 0161 99662

## Technical data sheet

### Di-octyl Maleate (DOM)

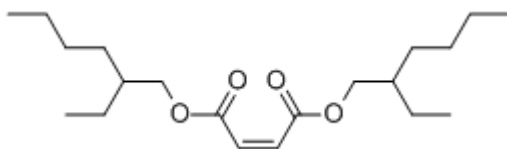
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**Synonyms**

Bis(2-ethylhexyl) maleate

**Formula**

$C_{20}H_{36}O_4$

**Structural Formula****Molecular Weight**

340,5

**CAS N. :** 142-16-5

**EINECS N. :** 205-524-5

**Product specification**

Characteristics	Unit	Value	Method*
Appearance		Clear liquid, free from suspended matter	Visual
Colour	APHA/Hazen	30 max.	AM 018
Odour		Faint characteristic	AM 074
Acidity as maleic Acid	%	0,01 max.	AM 006
Water content	%	0,05 max.	AM 023
Esters content	%	99,0 min.	AM 999

\* Internal methods available upon request.

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**Typical properties**

Characteristics	Unit	Value
Density @ 20°C	g/ml	0,942
Boiling Point	°C	164 at 10 mmHg
Refractive index $n_D^{20}$		1,455

**Main applications**

Diocetyl Maleate is used as a co-monomer in the manufacturing of paints, paper, adhesives and textile coatings. It finds also application as intermediate for surfactants

**Handling**

Packaging: Steel drum 195 kg net;  
bulk;  
IBC 950 Kg

Storage: The packaged material shall be kept into its original packaging, in cool and well ventilated place, neither under rain nor in wet places, away from flames and heating sources. The bulk material shall be stored in stainless steel tanks, under nitrogen blanketing; for a long lasting quality the material shall be kept at ambient temperature (ideally not above 30°C) and away from any flame or concentrated heat source

Shelf life: 1 year from production date

*The information contained in this sheet is correct and accurate and is based on our technical and scientific knowledge and on literature at the date of going to press. Such information relates only to use of the products in the pure state and for the purposes stated herein. Nothing stated here may be taken or construed as implying of any existing patents. Nor is any warranty, whether explicit or implicit, given with regard to results to be obtained through the use of the aforesaid information.*

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