

Polynt SpA – Headquarter

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Technical data sheet

Di-Butyl Maleate (DBM)

Version: February 2013

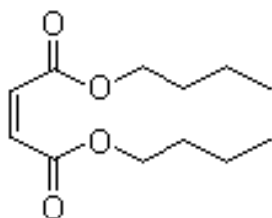
Synonyms

Maleic acid di-butyl ester

Formula

$C_{12}H_{20}O_4$

Structural Formula



Molecular Weight

228,29

CAS N. : 105-76-0

EINECS N. : 203-328-4

Product specification

Characteristics	Unit	Value	Method*
Appearance		Clear liquid, free from suspended matter	Visual
Colour	APHA/Hazen	25 max.	AM 018
Odour		Faint characteristic	AM 074
Acidity as maleic Acid	%	0,01 max.	AM 006
Water content	%	0,1 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	0,995
Boiling Point	°C	Appr. 280
Refractive index n_D^{20}		1,445

Main applications

Dibutyl Maleate is used as an additive and intermediate for plastics, pigments, pharmaceuticals, and agricultural products manufacturing.. Dibutyl Maleate is an intermediate for the production of paints, adhesives and copolymers. It is used in many organic synthesis including as a dienophile for diene syntheses

Dibutyl Maleate manufactured by Polynt Group is available in different grades.

Handling

Packaging: Steel drum 195 kg net;
bulk;
IBC 1000 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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