

DIMETHYL PHTHALATE

Version: 2

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Technical Data Sheet

Formula	C10H10O4
Molecular mass	194.18 g/mol
CAS	131-11-3
EC	205-011-6
Chemical name	Dimethyl ester of phthalic anhydride
Presentation	Dimethyl phthalate is a nearly colourless clear and practically anhydrous liquid with a hardly noticeable odour.
Packing	Bulk. IBC.Drums

Specifications

	Unit	Value	Test Methods
Appearance		Clear liquid.	
Acid number	mg KOH/g	≤ 0.04	ASTM D1045
Assay	%	≥ 99.5	GC
Density	g/ml	1.189-1.192	20 °C - ASTM D4052
Dynamic viscosity	mPa.s	16-19	ASTM D445
Refractive index		1.515-1.516	ASTM D1218
Water content	w/w %	≤ 0.1	ISO 760
Platinum-cobalt colour	APHA	≤ 10	ASTM D1209

Principal applications

Light stable with good solvent power for cellulose acetate and cellulose nitrate. Auxiliary plasticizing additive for surface coatings. Flegmatizer for peroxides.

Extra info

Dimethyl phthalate is soluble in the usual organic solvents and almost insoluble in water and aliphatic hydrocarbons.

Exclusion of liability :

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