

DIETHYL PHTHALATE

Version: 2

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Technical Data Sheet

Formula	C12H14O4
Molecular mass	222.24 g/mol
CAS	84-66-2
EC	201-550-6
Chemical name	Diethylester of phthalic anhydride
Presentation	Diethyl 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	≤ 0.10	ASTM D1045
Assay	%	≥ 99.5	GC
Platinum-cobalt colour	APHA	≤ 10	ASTM 1209
Density	g/ml	1.116-1.120	20 °C - ASTM D4052
Dynamic viscosity	mPa.s	12-14	20 °C - ASTM D445
Refraction index		1.501-1.502	ASTM D1218
Water content	w/w %	≤ 0.1	ISO 760

Principal applications

Light stable, fast fusing additive with good solvent power for cellulose acetate and cellulose nitrate. Auxiliary plasticizing additive for surface coating. Low odorous carrier or fixative for the fragrances and cosmetic industries.

Extra info

Diethyl phthalate is soluble in the usual organic solvents and almost insoluble in water.

Exclusion of liability :

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