



Specialized in chemicals

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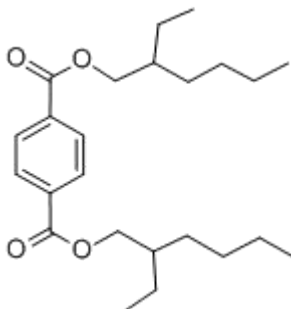
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Technical Data Sheet

Diocetyl terephthalate(DOTP)

Chemical Name	Diocetyl terephthalate
CAS #	6422-86-2
EINECS	229-176-9
Formula	C ₂₄ H ₃₈ O ₄
Molecular Weight	390.56
Synonyms	DOTP



Chemical Structure

Description

Colorless or slightly yellowish oily liquid. Almost insoluble in water, 20°C when the water solubility of 0.4%.

Specification

Items	Specification	Testing Results
Appearance	Pale yellow oily liquid	Conforms
Color(Pt-Co)	≤180	163
Flash point,oC	≥210	210
Degree of acidity, %	≤0.1	0.09
Purity,%	≥99.0	99.05
Water,%	≤0.1	0.05
Volume resistivity,Ω.cm	≥1*10 ¹²	2.1*10 ¹²
Density(20oC)g/ml	0.982~0.985	0.983

Applications

1)DOTP as the main plasticizer, its excellent electrical properties, with good cold resistance, heat resistance, resistance to extraction, plasticizing efficiency. Suitable for polyvinyl chloride resin plasticizer, such as the requirements of high insulation PVC cable material. This product can be blended with DOP in any proportion. This product is used for plasticizing paste can reduce the viscosity, increase the preservation of life.

2)In addition to a large number of plasticizers for cable materials, PVC and artificial leather, DOTP can be used as a plasticizer for rubber, paint additives, precision instrument lubricants, lubricant additives, and as a national mandatory use of edible Rolling film plasticizer.

3)DOTP is an indispensable part of PVC soft products, artificial leather, advertising cloth, paint and other processing, the use of dose is an important factor affecting product performance. As China vigorously promote the chemical building materials, especially steel doors and windows, plastic sheet of high-speed development. At present, China's proportion of PVC soft products has risen to 52%. Due to the rapid growth of PVC consumption, and thus plasticizer in short supply.

Packing

200kgs/steel drum,16mt/20''FCL
23mt/flexitank

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