

Technical Data Sheet

Diethyl Terephthalate (DOTP)

Product Description:

DOTP, as know as Diethyl Terephthalate, is a kind of new environmental protection plasticizer,with low cost and excellent product performance,it has high efficiency ,environmental non-toxic,thermal stability and the polymer good intermiscibility,low volatile,can restrain exudation ,high brightness.

Applications:

DOTP is an excellent plasticizer in the production of PVC and its copolymers. It is widely used in artificial leather,PVC cable materials,plastic film,foam sandals,foam sandals,door and window seals,soft board,all kinds of soft and hard pipe,decorative materials,Suitable for use in a variety of processing methods including extrusion,calendering and injection molding.

Molecular Formula:

$C_{24}H_{38}O_4$

CAS No. :

6422-86-2

Specifications:

Parameters (units)	Specifications
Color (Pt-Co Number)	≤ 30
Density, at 20 °C (g/cm ³)	0.981 - 0.985
Acidity (mg KOH/g)	≤ 0.1
Ester content (%)	≥ 99.0
Flash point (°C)	≥ 210
Moisture content (%)	≤ 0.03
Volume resistivity (Ω.cm)	≥ 2.0 × 10 ¹²

Packaging,Storage and Transport:

STANDARD PACKAGING in 200kg drum or 1000 kgs IBC TANK or Flexibag (20tons) .

During the transportation and storage of this product, it is strictly forbidden to avoid strong impact and direct rain and snow, and strictly prohibit exposure to the sun. stored in a dry and well-ventilated environment,,DOTP should be stored in sealed, original packaging.