

Product Information

Diethyl Terephthalate (DOTP)

Product Description:

Diethyl Terephthalate, also known as DOTP, is a non-phthalate containing plasticizer. It is used primarily as a plasticizer in PVC production. DOTP-based end products comply with environmental requirements such as 16P, ROHS and REACH regulation. It has no adverse effects on human health. DOTP can be used as a direct replacement for DOP and DINP in a range of applications due to its thermal resistance, excellent durability and transparency.

Applications:

DOTP is an excellent plasticizer in the production of PVC and its copolymers. It is suitable for use in variety of applications including PVC compounds, floor coverings, roofing membranes, cables, wiring, vinyl wallpaper, food films and artificial leather. Suitable for use in a variety of processing methods including extrusion, calendaring and injection molding.

Chemical Formula:

$C_{24}H_{38}O_4$

CAS No. :

6422-86-2

Specifications:

Parameters (units)	Specifications
Color (Pt-Co)	≤ 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 (%)	≤ 0.05
Volume resistivity (Ω.cm)	≥ 2.0 × 10 ¹²

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Packaging:

Material is available in IBCs and flexitanks. Further packaging options may be available upon enquiry.

Storage:

Product should be stored in a dry place away from direct sunlight in sealed, original packaging.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purpose only. Customers are responsible for testing and conforming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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