

General Purpose Non-Phthalate Plasticizer

Sunfleks

DOTP



Product Features

- Sunfleks** is a versatile, efficient **Non-Phthalate**, General Purpose Plasticizer produced at our state of art facility, operated by **highly skilled staff**.
- Sunfleks** is produced according to our own technology, with every process parameter monitored throughout of the production cycle, to arrive at a product providing **superior performance in all end applications**.

Applications



Specification

Chemical Nature: Bis(2-Ethylhexyl) Terephthalate

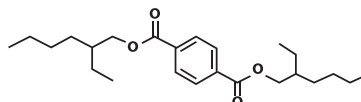
Abbreviation: DOTP / DEHT

CAS No: 6422-86-2

Molecular Weight: 391

Formula: C₂₄H₃₈O₄

Molecular Structure:



Property	Test Method	Value
Physical State	-	Liquid
Appearance	-	Transparent
Density (20°C, g/cm³)	ASTM D 1045	0,979-0,985
Ester Content (%)	GC-Home Method	≥ 99,5
Refractive Index (20°C)	ASTM D 1045	1,4830-1,4890
Viscosity (20°C, cP)	ASTM D 1045	80-95
Flash Point (Open Cup, °C)	ASTM D 92	≥210
Water Content (%)	ASTM D 1364-02	≤0,05
Boiling Point (°C)	-	383
Freezing Point (°C)	-	-48
Water Solubility (20°C g/L)	-	≤0,05
Acidity (mg KOH/g)	ASTM D 1045	≤0,10
Color (Pt-Co)	ASTM D 1209	≤20

Sunfleks is produced via estrification of 2-Ethylhexanol and PTA in dedicated set of reactors to provide high-purity, chemically consistent product with low content of impurities and residual alcohol.

Sunfleks is primarily used to plasticize vinyl resins and provides good processing parameters, good low temperature flexibility and low volatility for finished products. **Sunfleks** is compatible with **Optafleks** specialty plasticizers.

Sunfleks provides lower initial viscosity to plastisols and organosols leading to longer shelf life of finished product.

Certificates

Sunfleks complies with both **REACH** and **FDA** regulations.

The product is registered under the **REACH Regulation (EC) No. 1907/2006** through our Only Representative, RGS, for Bis(2-ethylhexyl) terephthalate, with a tonnage **band of 1000+ tonnes/year**.

Sunfleks meets the requirements of the **U.S. FDA Food Additive and GRAS** regulations.

Worldwide Delivery

