

Chemical Nature:

Bis(2-Ethylhexyl) Terephthalate

Abbreviation:

DOTP / DEHT

CAS No:

6422-86-2

Shipping name:

Not applicable

(not regulated by RID/ADR)

Molecular Weight:

391

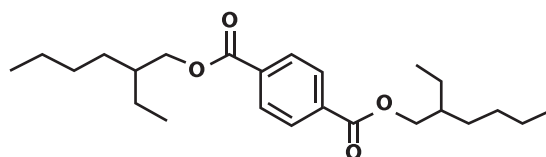
Formula:
 $C_{24}H_{38}O_4$
Disclaimer

Always follow
Safety Data Sheet and Technical
Data Sheet when handling the
product to avoid warranty void.

Sunfleks

Dioctyl Terephthalate

Sunfleks is an organic chemical compound, an ester of 2-Ethylhexanol and Terephthalic Acid acting primarily as a General Purpose Plasticizer PVC processing. It is also used in paints and coatings and adhesives.

Molecular Structure:

Product Specification:

Property	Test Method	Value
Physical State	-	Liquid
Appearance		Transparent
Density (20°C, g/cm ³)	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

Safety

Sunfleks does not require special handling. Handle in accordance with good industrial hygiene and safety practices. Avoid eye contact by wearing personal protective equipment. If eye contact occurs, wash with flowing water and contact physician. Avoid repeated or prolonged skin contact. Avoid breathing vapors by providing adequate ventilation. Always refer to the Safety Data Sheet (SDS) for detailed information on safety.

Storage and Handling

Sunfleks can be stored for two year at temperatures below 40°C, if moisture is excluded. **Sunfleks** can be stored indoor and outdoor in designated containers/tanks. Please ensure proper ventilation, protect against accumulation of static electricity, keep away from ignition sources.

Packaging

Sunfleks is available in Isotanks, Flexitanks (flexibags), IBCs, trucks (road tank containers), bulk. Further packaging available upon enquiry. **Sunfleks** cannot be transported with strong oxidizers or alkalis. Please consult Plastay staff for further information. **Sunfleks** is not considered dangerous product in accordance with RID/ADR European regulation.


Information on international certification and registration:

Sunfleks is REACH registered
Sunfleks complies with FDA
standards.

plastay.com/en/quality-document