

Chemical Nature:

Tris(2-ethylhexyl) trimellitate

Abbreviation:

TOTM / TEHTM

CAS No:

3319-31-1

Shipping name:

Not applicable

(not regulated by RID/ADR)

Molecular Weight:

546

Formula:
 $C_{33}H_{54}O_6$
Disclaimer

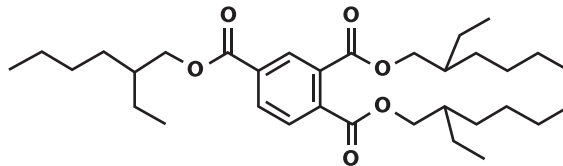
Always follow

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

Optafleks TOTM

Trioctyl Timellitate

Optafleks TOTM is an organic compound, an ester of 2-Ethylhexanol and Trimellitic Acid, primarily used in PVC processing as well as copolymers.

Molecular Structure:

Product Specification:

Property	Test Method	Value
Physical State	-	Liquid
Appearance	-	Transparent
Density (20°C, g/cm ³)	ASTM D 1045	0,983-0,989
Ester Content (%)	GC-Home Method	≥ 99,5
Refractive Index (20°C)	ASTM D 1045	1,4800-1,4860
Viscosity (20°C, cP)	ASTM D 1045	320-340
Flash Point (Open Cup, °C)	ASTM D 92	≥ 240
Water Content (%)	ASTM D 1364-02	≤ 0,05
Freezing Point (°C)	-	-32
Acidity (mg KOH/g)	ASTM D 1045	≤ 0,10
Color (Pt-Co)	ASTM D 1209	≤ 30

Safety

Optafleks TOTM 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

Optafleks TOTM can be stored for two year at temperatures below 40°C, if moisture is excluded. **Optafleks TOTM** 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

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



Information on international
certification and registration:

plastay.com/en/quality-document