

Speciality Purpose Plasticizer

# Optafleks

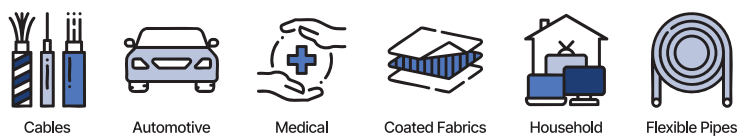
TOTM



## Product Features

- **Optafleks TOTM** is a Non-Phthalate, Specialty Purpose Plasticizer produced at our state of art facility which is operated by highly skilled staff.
- **Optafleks TOTM** 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:** Tris(2-ethylhexyl) trimellitate

**Abbreviation:** TOTM / TEHTM

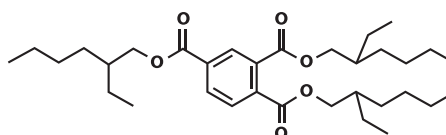
**CAS No:** 3319-31-1

**Molecular Weight:** 546

**Formula:** C<sub>33</sub>H<sub>54</sub>O<sub>6</sub>

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

### Molecular Structure:



**Optafleks TOTM** is produced via esterification of 2-Ethylhexanol and Trimellitic Acid.

**Optafleks TOTM** is a Specialty Purpose Plasticizer. Its low volatility, high heat, and chemical resistance make it ideal for demanding applications.

**Optafleks TOTM** is compatible with Plastay's General Purpose Plasticizers: **Sunfleks**, **Inafleks**, **Versafleks**.

**Optafleks TOTM** is available also as **Optafleks TOTM ST** - a stabilized plasticizer.

## Certificates

**Optafleks TOTM** is compliant with **FDA regulations**.

The product is pending **REACH registration under Regulation (EC) No. 1907/2006**, for Tris(2-ethylhexyl) trimellitate, with a tonnage **band of 1000+ tonnes/year**.

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

## Worldwide Delivery

