# TOTM

## Description/Applications

TOTM, a primary plasticizer, is especially useful in applications requiring good permanence at high temperatures and retention of mechanical properties.
It is applied in various plastic materials such as PVC, chloroethylene copolymer, ethyl cellulose, polymethyl methylacrylate.
It has low volatility and is more permanent than many other plasticizers.
It has excellent extraction resistance by aqueous soapy solutions and imparts good low-temperature flexibility.
It is recommended in PVC compounds for the production of high temperature wires and cables, vinyl sheets for automotive interiors with anti-fogging characteristics and good weather resistance and swimming-pool coatings.

| Specifications | Unit | Values |
|---|---|---|
| Ester content | % CG | 99.0 min. |
| Density , 20/4 °C | | 0.980 to 0.992 |
| Color | Pt / Co | 60 max. |
| Free Acidity | mg KOH / g | 0.10 max. |
| Water | % Weight | 0.10 max. |

- **This product is guaranteed since it is stored and packaged as described below.**

| Physical Properties | Unit | Values |
|---|---|---|
| Chemical formula | | $C_{33}H_{54}O_6$ |
| Molecular weight | | 547 |
| Refractive index, 20 °C | | 1.455 ± 0.003 |
| Flash point | °C | 232 |
| Viscosity, 25 °C | cP | 188.5 |
| Boiling point | °C | 414 |
| Physical state | | Viscous liquid |

- **The properties' values above are just for reference, and not to be considered as guaranteed parameters.**

**PACKAGING** :

***Bulk*** : in stainless steel tank cars

**STORAGE** :

***Bulk*** : in stainless steel, aluminum or strength plastic tanks.

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