

TOTM – Tris(2-ethylhexyl) Trimellitate

High-Performance, Heat-Resistant Plasticizer

HARKE
Coatings &
Polymers

Coatings,
Plastics &
Polymers

YOUR BENEFITS

- Excellent Thermal Stability
- Very Good Aging Resistance
- High Resistant Dielectric

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TOTM, PLASTICIZER

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Tris(2-ethylhexyl)Trimellitate (TOTM)
Heat Resistant Plasticizer

HARKE Chemicals offers TOTM as a reliable, high-quality plasticizer for demanding PVC and rubber applications. With outstanding resistance to heat, aging, and migration, TOTM is the preferred choice wherever durability and safety are essential.

Key Advantages

- Excellent thermal stability – ensures long-term performance under elevated temperatures
- Outstanding aging resistance – maintains flexibility and mechanical properties over time
- Low volatility & low migration – ideal for sensitive and long-life applications
- Superior dielectric properties – ensures high electrical insulation performance
- Good resistance to soapy water extraction – enhances product reliability in humid or washing environments
- Non-animal origin – compliant with modern safety and ethical standards

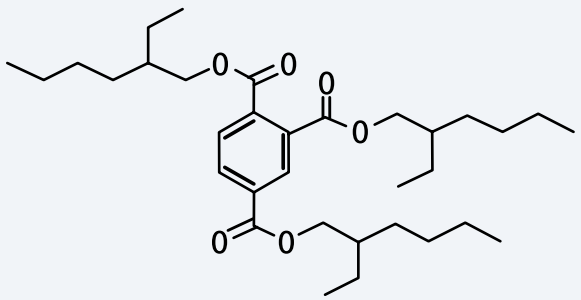
Applications

- Cables & Wires (up to 105 °C heat resistance)
- Refrigerator and dishwasher gaskets
- Washable sheets & films
- Automotive interiors – low volatility ensures reduced fogging and long service life
- Rubber compounds requiring improved stability and migration resistance

Availability

- Available with and without Antioxidants (AOX) to meet specific technical and regulatory requirements
- Stocked in Europe
- Available in IBCs and ISO-Tanks

Item	Quality Index
Appearance	Transparent liquid
Color (Pt-Co)	</= 50
Acid value, mgKOH/g	</= 0.10
Water content, wt%	</= 0.05
Heating loss (125 °C x 3 hrs, wt%)	</= 0.1
Density (20 °C), g/cm³	0.984-0.991
Flash point, °C	>/=245
Volume	6.0
Resistivity (20 °C)	6.0
(Omega.cm) x 10^{11}	6.0
Ester content, wt%	>/= 99.5
2-Ethyl hexanol, ppm	</= 1000
DOP/DEPH, ppm	</= 500
Antioxidant content. ppm	</= 3000



$C_{33}H_{54}O_6$

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