



PRODUCT SPECIFICATION



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PRODUCT Tri-Octyl Trimellitate (TOTM)
MOLECULAR FORMULA $C_6H_3(COOC_8H_{17})_3$

TOTM is a clear, colorless, and almost odourless liquid. It is soluble in most organic solvents. TOTM is a primary plasticizer with excellent thermal stability and electrical properties. It also provides a good resistance to soapy-water extraction and weathering. TOTM is recommended to be used in high-temperature cable and wire, refrigerator gasket, and washable sheet.

SPECIFICATIONS

Color (APHA)	80	Max.
Acid Value (KOH-mg/g)	0.1	Max.
Water Content (Wt%)	0.05	Max.
Volume Resistivity (Ω -cm, 30°C)	3.0×10^{11}	Min.
Specific Gravity (20/20°C)	0.990±0.005	
Refractive Index (25°C)	1.485±0.005	
Ester Content (Wt%)	99.	Min.
Inhibitor Content (Wt%)	0.35	Min.
Heating Loss (Wt%, 125°C×3hrs)	0.15	Max.

PHYSICAL PROPERTIES

Molecular Weight	547
Boiling Point (760 mm Hg)	430°C
Viscosity (25°C)	210 cps
Flash Point	263°C
Freezing Point	-38°C

PACKING

Bulk Shipment or 200 kg Metal Drums.