



DINGNUO POLYMER TECHNOLOGY GROUP CO., LTD

Rm. 1201-1, 12/F, Lingshan East Rd., Tianhe Dist., Guangzhou, Guangdong, China

TEL: +86-020-82386132; FAX: +86-020-82386132

Email: saleservice@dingnuo-polymer.com

TRIS(2-ETHYLHEXYL) TRIMELLITATE (TOTM)

PROPERTY:

TOTM is a **high-temperature resistant (105°C), phthalate-free plasticizer**, appearing as a colorless, transparent oily liquid. It offers excellent long-term durability, migration resistance (ABS, PC, AS, and PMMA), electrical insulation property, and ultra-low volatility.

APPLICATION:

TOTM is mainly used in heat-resistant cable and wire insulation and sheathing (**UL 90°C, UL 105°C**). Other applications are medical-grade compounds, refrigerator gaskets, high-temperature resistant light tubes.

SPECIFICATION:

Item of Analysis	Unit	Value
Appearance		Transparent oily liquid
Color	Platinum-Cobalt No. ≤	50
Ester Content	% ≥	99.0
Flash Point	°C ≥	240
Water Content	% ≤	0.1
Acid Value	% ≤	0.15
Density	(20°C), g/cm ³	0.9887-0.991
Volume Resistivity	*10 ⁹ Ω·m ≥	3

PACKING:

In iron drums, 200kg net weight per drum, total 80 drums (16MT) per 20' FCL, OR
In IBC tank, 1,000kg net weight per tank, total 20 tanks (20MT) per 20' FCL, OR
In flexibag, around 21-23MT per 20' FCL.

STORAGE/TRANSPORTATION:

If stored in tanks, purge N₂ to prevent moisture absorption.
If stored in drums, keep the container sealed when not in used.