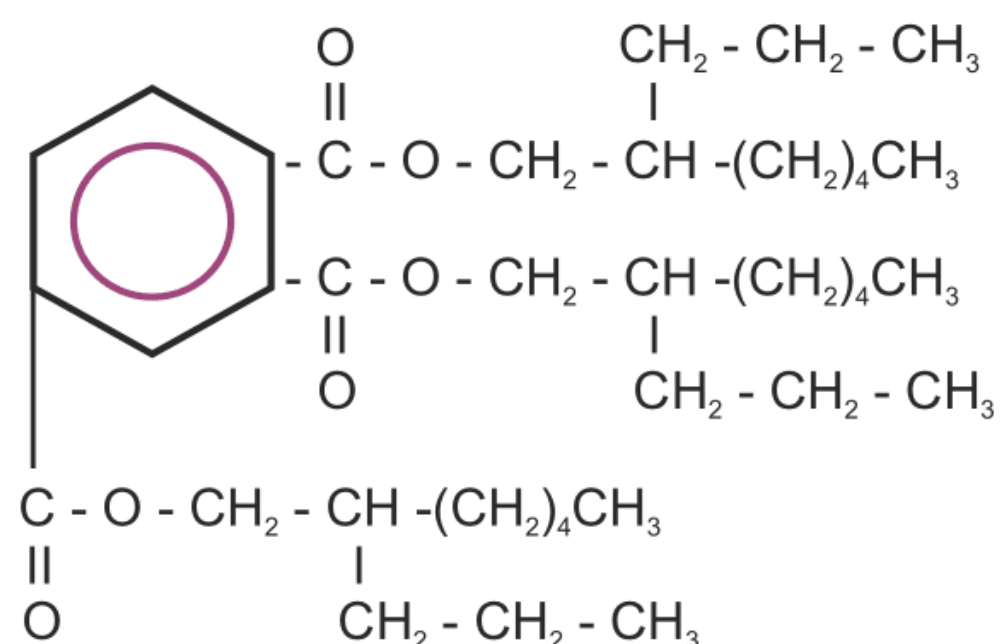


KANATOL - 3000 [TPHTM]

KANATOL - TPTM

Primary plasticizer for PVC and PVC copolymers

Chemical Nature	C ₁₀ ester of 4-Carboxyphthalic acid		
Chemical Name	:-	TPTM	
Trade Name	:-	KANATOL- TPTM	
Molecular Formula	:-	C ₃₉ H ₆₆ O ₆	
Molecular Weight	:-	630.34	
Molecular Structure	:-	C ₆ H ₃ (COOC ₁₀ H ₂₁) ₃	



CAS Number	:-	N.A.
UN. NO	:-	
EINECS NO	:-	N.A.

Specification	Characteristics	Unit	Test Method	Value
	Colour	HU	ASTM-D-1045-08	40 HU max.
	Volatile Loss (130°C/3Hrs)	wt. %	KLJTM	0.10 max.
	Ester Value	mg KOH/g	ASTM-D-1045-08	266-272
	Acidity	wt. %	ASTM-D-1045-08	0.030 max.
	Moisture	wt. %	ASTM-E-203-08	0.10 max.
	Specific Gravity (27°C)	-	ASTM-D-1045-08	0.962-0.968
	Ester content	wt. %	ASTM-D-1045-08	99.50 min.
	Heat Stability (180°C/2Hrs)	HU	ISI-9591-03	65 max.
	Acidity after heat treatment	wt. %	ASTM-D-1045-08	0.05
	Plasticizing Esters by GC	%by area	KLJTM	99.50 min.
	Residual alcohol	%by area	KLJTM	0.10 max.

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KANATOL - 3000 [TPHTM]

Typical Properties

Boiling Point	°C	-	N.A.
Freezing / Melting Point	°C	-	N.A.
Flash Point (COC)	°C	KLJTM	>272
Refractive Index (27 °C)	-	ASTM-D-1045-86	1.483-1.486

Properties

KANATOL - TPTM is a clear, colourless and odourless liquid, free of foreign materials and is soluble in most organics solvent and is slightly soluble in water but soluble in alcohols, hexane etc and is miscible and compatible with all monomeric plasticizers of PVC compounding.

Application

KANATOL - TPTM is a primary plasticizes for soft PVC products and is recommended to be used in very high –temperature wire and cable. A very useful plasticizer for speciality extreme pressure Lubes due to higher Flash Point.

Plasticizing Efficiency

N.A.

Compatibility with Secondary Plasticizers

N.A.

Packing & Storage

KANATOL-TPTM is packed in 200/225 kg iron drum / HDPE drum, 20 - 22 MT in Flexi Tank/ISO tank/road tanker. It is stored in tightly closed container, in a cool, dry, ventilated area.

Shelf Life

It keeps the original characteristics minimum for 24 months, if kept in recommended storage.

Safety

The MSDS can be provided on request.

Disclaimer

The data contained in this publication are based on our current knowledge and experience. During processing, there are so many factors which may affect the application part of **KANATOL-TPTM**, so these data neither imply any guarantee of certain properties, nor the suitability of the product for the specific purpose. Any data given in this publication may change without prior information and do not constitute the agreed quality of our product.

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