



KANATOL - HT-9

KANATOL-HT-9 Primary plasticizer for PVC and PVC copolymers

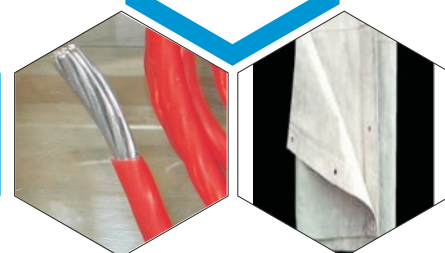
Chemical Nature Isononyl esters of Trimellitic & Benzene dicarboxylic acids

Trade Name	:-	KANATOL- HT-9
CAS Number	:-	NA
UN. NO.	:-	
EINECS NO.	:-	NA

Specification	Characteristics	Unit	Test Method	Value
	Colour	HU	ASTM-D-1045-86	40 HU max.
	Volatile Loss (130°C/ 3Hrs)	wt.%	KLJTM	0.10 max.
	Ester Value	mg KOH/g	ASTM-D-1045-86	271±3.
	Moisture	wt %	ASTM-E-203	0.10 max.
	Specific Gravity (27°C)	--	ASTM-D-1045-86	0.969±0.003.
	Ester content	wt %	ASTM-D-1045-86	99.50 min.
	Heat Stability (180°C/ 2Hrs)	HU	ISI-9591-96	No Change
	Acidity Value	--	ASTM-D-1045-86	0.15.
	Plasticizing Esters by GC	% by area	KLJTM	99.50 min.
	Residual alcohol	% by area	KLJTM	0.10 max
	Refractive Index (27°C)	--	ASTM-D-1045-86	1.485-1.491.
	Volume Resistivity	Ohmcm	KLJTM	5.0x10 ¹¹

Properties **KANATOL-HT-9** is transparent liquid with excellent stability at higher temperature. It is a long chain aliphatic plasticizer, having least migration & volatile loss. Due to low volatile characteristics, it can be used in place of DIDIP & TOTM. Very much preferable plasticizer for producing cable with excellent electrical specialties, Passing **REACH Compliances**.

Application **KANATOL-HT-9** is a primary plasticizer for soft PVC products and is recommended to be used in high temperature cable and wire as well as high temperature PVC Compounds. Replacing OTM in almost all respects and applications.



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Plasticizing Efficiency 1.17

Compatibility with Secondary Plasticizers Very limited in comparison of DOP.

Packing & Storage **KANATOL-HT-9** is packed in 200/225 kg iron drum / HDPE drum, 20 - 22 fcl, flexi tank or in 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-HT-9**, 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 product.