



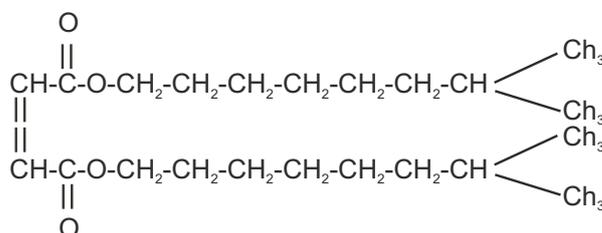
KANATOL - 9M

KANATOL - 9M Primary plasticizer for PVA, Styrene & Acrylates

Chemical Nature

Maleic acid ester of C₉alcohol

Chemical Name	:-	DI ISO NONYL Maleate
Trade Name	:-	KANATOL - 9M
Molecular Formula	:-	C ₂₂ H ₄₀ O ₄
Molecular Weight	:-	268
Molecular Structure	:-	C ₉ H ₁₉ OOCCH : CHCOOC ₉ H ₁₉



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

Specification	Characteristics	Unit	Test Method	Value
	Colour	HU	ASTM-D-1045-86	40 max.
	Volatile Loss (130°C/3Hrs)	wt.%	KLJTM	0.20 max.
	Ester Value	mg KOH/g	ASTM-D-1045-86	304 ± 3
	Acidity	wt.%	ASTM-D-1045-86	0.020 max.
	Moisture	wt.%	ASTM-E-203	0.10 max.
	Specific Gravity (27°C)	-	ASTM-D-1045-86	0.9317 ± 0.003
	Ester content	wt.%	ASTM-D-1045-86	99.00min.
	Heat Stability (180°C/2Hrs)	HU	ISI-9591-96	50 HU
	Acidity after heat treatment	wt.%	ASTM-D-1045-86	0.04
	Plasticizing Esters by GC	%by area	KLJTM	99.00min.

Typical Properties

Boiling Point @ 10 mmHG	°C	lit.	Around 212
Pour Point	°C	lit.	-87
Viscosity at 20° C	cp	KLJTM	19 ± 1.5
Flash Point (COC)	°C	KLJTM	184
Refractive Index (27° C)	-	ASTM-D-1045-86	1.4577 ± 0.004

[Total Solution in Plasticizers](#)



KANATOL - 9M



Properties

K-9M is clear colourless oily liquid with characteristic "ester" odour, It is not miscible with water but soluble in organic solvents.

Application

K-9M is an unsaturated reactive ester It readily copolymerizes with vinyl acetate, vinyl chloride, acrylates and styrene. The Size of the DOM molecule reduces crystallinity and provide permanent internal plasticization.

K-9M finds wide usage in emulsion paint systems, paper and textile coating, adhesives, oil additives and surfactants.

K-9M is a colourless, low viscosity liquid and is shipped without inhibitor. Its high purity allows extended shelf life.

Packing &Storage

K-9M is packed In 200/225kg 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

Original characteristics remain intact for 12 months, if kept in recommended

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 **K-9M**, 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.