



KANATOL - 7720

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Primary plasticizer for PVC and PVC copolymers

Chemical Nature	Phthalic acid esters of Mixed alcohols	
Chemical Name	:-	NA
Trade Name	:-	KANATOL- 7720
Molecular Formula	:-	Proprietary
Molecular Weight	:-	NA
Molecular Structure	:-	NA

Specification	Characteristics	Unit	Test Method	Value
	Colour	HU	ASTM-D-1045-2008	30 max.
	Volatile Loss (130°C/3Hrs)	wt. %	KLJTM	0.20 max.
	Ester Value	mg KOH/g	ASTM-D-1045-2008	285±3
	Acid Value	mg KOH/g	ASTM-D-1045-2008	0.20 max.
	Moisture	wt. %	ASTM-E-203-2005	0.10 max.
	Specific Gravity (27°C)	-	ASTM-D-1045-2008	0.964±0.002
	Ester content	wt. %	ASTM-D-1045-2008	99.50 min.
	Heat Stability (180°C/2Hrs)	HU	ISI-9591-2003	No Change
	Plasticizing Esters by GC	%by area	KLJTM	99.50 min.
	Residual alcohol	%by area	KLJTM	0.10 max.

Typical Properties

Viscosity at 20°C	cp	KLJTM	33 ± 3
Refractive Index (27°C)	-	ASTM-D-1045-2008	1.481 ± 0.002

Properties

KANATOL-7720 is almost colourless and odourless oily liquid, free of foreign materials which is, slightly insoluble in water but soluble in alcohols, hexane etc. It is miscible and compatible with all the monomeric plasticizers of PVC compounding.

Total Solution in Plasticizers



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Application

KANATOL-7720 is Phthalic acid ester of mixed alcohols and is having Cost-Volume benefit **KANATOL-7720** is used as a plasticizer in emulsion process with controlled temperature range between 120°C - 150°C for fabricating flexible Vinyl products like :- Coir tuft, highly filled Vinyl floorings, PU paste pigment. It could also be used in blending with primary plasticizers for overall cost reduction in formulations.

Plasticizing Efficiency

1.00

Compatibility with Secondary Plasticizers

N. A.

Packing & Storage

KANATOL-7720 is packed in 200/225 kg iron drum / HDPE drum, 20 - 22 fcl in 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 12 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-7720**, 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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