

KLJ Group

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KANATOL - 7720 S

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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 S	
Molecular Formula	:-	Proprietary	
Molecular Weight	:-	NA	
Molecular Structure	:-	NA	



Specification	Characteristics	Unit	Test Method	Value
	Colour	HU	ASTM-D-1045-2008	60 max.
	Volatile Loss (130°C/3Hrs)	wt. %	KLJTM	0.15 max.
	Ester Value	mg KOH/g	ASTM-D-1045-2008	325±5
	Acid Value	mg KOH/g	ASTM-D-1045-2008	0.60 max.
	Moisture	wt. %	ASTM-E-203-2005	0.10 max.
	Specific Gravity (27°C)	-	ASTM-D-1045-2008	1.028±0.001
	Ester content	wt. %	ASTM-D-1045-2008	99.50 min.
	Heat Stability (180°C/2Hrs)	HU	ISI-9591-2003	DEEP YELLOW
	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	120 ± 5
Refractive Index (27°C)	-	ASTM-D-1045-2008	1.491 ± 0.002

Properties

KANATOL-7720 S 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.

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Application

KANATOL 7720 S is Phthalic acid ester of mixed alcohols and is having Cost benefit. **KANATOL-7720 S** 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, Writing Instruments, Highly filled Sheathing compound etc. 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 S 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 S**, 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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