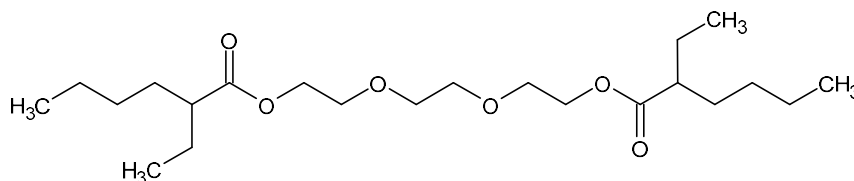




TRIETHYLENEGLYCOL-BIS-2-ETHYL-HEXANOATE

TRIETHYLENEGLYCOL-BIS-2-ETHYL-HEXANOATE

Chemical Nature	Chemical Name	:	Triethyleneglycol-bis-2-ethyl-hexanoate
	Trade Name	:	Kanatol - TGE
	Molecular Formula	:	C ₂₂ H ₄₂ O ₆
	Molecular Weight	:	402.56



CAS NO.	:	94-28-0
ENICS NO.	:	202-319-2
UN No.	:	---

Specification	Characteristics	Unit	Test Method	Value
	Colour	HU	ASTM-D-1045-08	Max. 20
	Moisture content	Wt, %	ASTM-E-203-2008	Max. 0.10
	Specific Gravity (20 °C)	---	ASTM-D-1045-08	0.962 – 0.972
	Triethyleneglycol-bis-2-ethyl-hexanoate	% area	KLJ TM	Min. 97%
	Diethyleneglycol-bis-2-ethyl-hexanoate	% area	KLJ TM	Max. 0.5
	Triethyleneglycol-mono-2-ethyl-hexanoate (monoester)	% area	KLJ TM	Max. 1.7
	Acid value	mg KOH/g	ASTM-D-1045-08	Max. 0.1
	Ester value	mg KOH/g	ASTM-D-1045-2008	263 - 279
	Peroxide value	meq O/Kg	KLJ TM	Max. 1.5
	BHT Content	Ppm	KLJ TM	Min. 50
	Hydroxyl number	mg KOH/g	KLJ TM	Max. 5
	Typical Properties			
	Refractive Index (25 °C)	---	ASTM-D-1045-2008	1.441 – 1.447



TRIETHYLENEGLYCOL-BIS-2-ETHYL-HEXANOATE

Properties

Kanatol – TEG is a high performance PVB film plasticizer which has good UV stability, low volatility and migration

Application

Kanatol – TEG is primarily used as a plasticizer for Polyvinyl Butyral (PVB) films in automotive and construction safety glass,

Packing & Storage

Kanatol – TEG is packed in 200/225 kg iron drum / HDPE drum, Bulk container, IBC or 25 Kg carboy. It is stored in tightly closed container, in a cool & dry, ventilated area.

Shelf Life

Original characteristics remain intact 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 – TGE, 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.