

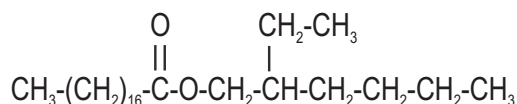


KANATOL - 80S

KANATOL - 80S Primary plasticizer for PVC and PVC copolymers

Chemical Nature Stearate acid ester of C₈ alcohols

Chemical Name	:-	2-Ethylhexyl Stearate
Trade Name	:-	KANATOL - 80S
Molecular Formula	:-	C ₂₆ H ₅₂ O ₂
Molecular Weight	:-	396
Molecular Structure	:-	C ₁₇ H ₂₅ COOC ₈ H ₁₇



CAS Number	:-	22047-49-0
CAS Number	:-	
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Specification	Characteristics	Unit	Test Method	Value
	Colour	HU	ASTM-D-1045-86	60 max.
	Volatile Loss (130°C/3Hrs)	wt. %	KLJTM	0.20max.
	Ester Value	mg KOH/g	ASTM-D-1045-86	140-145
	Acidity	wt. %	ASTM-D-1045-86	0.50 max.
	Moisture	wt. %	ASTM-E-203	0.10 max.
	Specific Gravity (27°C)	-	ASTM-D-1045-86	0.855-0.865
	Ester content	wt. %	ASTM-D-1045-86	99.50 min.
	Heat Stability (180°C/2Hrs)	HU	ISI-9591-96	No Change
	Acidity after heat treatment	wt. %	ASTM-D-1045-86	N.A.
	Plasticizing Esters by GC	%by area	KLJTM	99.00 min.

Typical Properties

Flash Point	°C	KLJTM	425
Refractive Index (25°C)	-	ASTM-D-1045-86	1.440-1.450
Viscosity at 25°C	cp	KLJTM	18-20
Iodine Value	ppm	KLJTM	2.5

Total Solution in Plasticizers



KANATOL - 80S

- Properties** **K-80S** is low colour and low odour oily liquid, free of foreign materials.
- Application** It is used widely in the metal working industry as a lubricant. Commonly used emollient in makeup and skin care products.
- Packing &Storage** **K-80S** is packed in 190/200 kg 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 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 **K-80S**, 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.