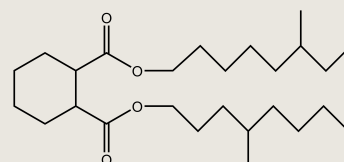


DI-ISONONYL-1,2-CYCLOHEXANOATE (DINCH)

The structure is simplified and shows only one of several isomers contained in the product.

REGULATORY INFORMATION

CAS no. 166412-78-8
REACH no. 01-0000017810-74

APPLICATIONS & PROPERTIES

ELATUR[®] CH is a universal plasticizer especially for sensitive applications.

PRODUCT SPECIFIC FEATURE

Modern plasticizer with particularly low viscosity and very good cold flexibility.

APPLICATION FIELDS

- Plasticizer for PVC
- Flexibilization of paints, varnishes, and adhesives

TRANSPORT & LOGISTICS

Delivery in tank trucks and ISO containers.

SPECIFICATION

Property	Value	Unit	Method
Color (Pt-Co)	max. 40	mg Pt/l	DIN EN ISO 6271
Dynamic viscosity, 20 °C ¹⁾	44 - 60	mPa s	DIN EN ISO 3104
Density, 20 °C ¹⁾	0.944 - 0.954	g/ml	DIN 51 757
Refractive index, 20 °C ¹⁾	1.460 - 1.466		DIN 51 423/2
Acid number	max. 0.05	mg KOH/g	DIN EN ISO 2114
Ester content	min. 99.5	area %	Evonik, GC ²⁾
Water	max. 0.1	mass %	DIN 51 777
Phthalate content	max. 0.01	mass %	Evonik, UV ²⁾

¹⁾ checked at regular intervals ²⁾ in-house method

LITERATURE AND TYPICAL DATA

Property	Value	Unit	Method
Appearance	Clear liquid		visual inspection
Molar mass	424	g/mol	
Solution temperature (S-PVC, K value 82)	155	°C	video-based analysis ³⁾

³⁾ in-house method

Disclaimer

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