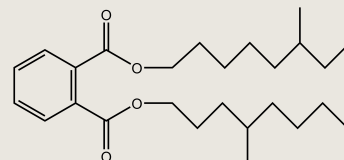


DI-ISONONYL PHTHALATE (DINP)

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

REGULATORY INFORMATION

CAS no. 28553-12-0
REACH no. 01-2119430798-28

APPLICATIONS & PROPERTIES

VESTINOL[®] 9 is a universal standard plasticizer for PVC.

PRODUCT SPECIFIC FEATURE

Very effective, low-viscosity plasticizer with a very balanced property profile.

APPLICATION FIELDS

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

TRANSPORT & LOGISTICS

Delivery in sea-going vessels, barges, tank trucks, and ISO containers.

SPECIFICATION

Property	Value	Unit	Method
Color (Pt-Co)	max. 30	mg Pt/l	DIN EN ISO 6271
Dynamic viscosity, 20 °C ¹⁾	72 - 82	mPa s	DIN EN ISO 3104
Density, 20 °C ¹⁾	0.972 - 0.977	g/ml	DIN 51 757
Refractive index, 20 °C ¹⁾	1.484 - 1.488		DIN 51 423/2
Acid number	max. 0.04	mg KOH/g	DIN EN ISO 2114
Ester Content	min. 99.6	% by mass	Evonik, GC ²⁾
Water	max. 0.05	% by mass	DIN 51 777

¹⁾ checked regularly but not batchwise ²⁾ in-house method

LITERATURE AND TYPICAL DATA

Property	Value	Unit	Method
Appearance	Clear liquid		visual inspection
Molar mass	418	g/mol	
Solution temperature (S-PVC, K value 82)	133	°C	video-based analysis ³⁾

³⁾ in-house method

Disclaimer

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Evonik Oxeno GmbH & Co. KG

Paul-Baumann-Straße 1

45772 Marl

C4-chemicals@evonik.com

www.evonik.com/c4-chemicals