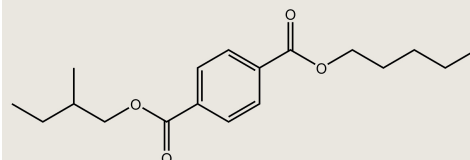


DI-ISOPENTYL TEREPHTHALATE

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

REGULATORY INFORMATION

CAS no. 2097734-13-7
REACH no. 01-2120126889-41-0000

APPLICATIONS & PROPERTIES

ELATUR[®] DPT is a fast fusing, low-viscosity plasticizer with a very good emission profile.

PRODUCT SPECIFIC FEATURE

Effective fast fuser especially in combination with ELATUR[®] CH (DINCH). ELATUR[®] DPT contains < 1 % SVOC components.¹⁾

APPLICATION FIELDS

- Preferred use in PVC plastisols
- Manufacturing and processing of PVC dryblends
- Flexibilization of paints, varnishes, and adhesives

TRANSPORT & LOGISTICS

Delivery in tank trucks and ISO containers

SPECIFICATION

Property	Value	Unit	Method
Color (Pt-Co)	max. 30	mg Pt/l	DIN EN ISO 6271
Acid number	max. 0.05	mg KOH/g	DIN EN ISO 2114
Ester content	min. 99.0	area %	Evonik, GC ³⁾
Water	max. 0.1	mass %	DIN 51 777
Low-boiling components	max. 1	area %	Evonik, GC ³⁾
o-phthalate content ²⁾	max. 0.01	mol %	Evonik, NMR ³⁾

¹⁾ SVOC: semi-volatile organic compounds; based on DIN EN 16516 and DIN EN 16000-6 (modified)

²⁾ checked regularly but not batchwise ³⁾ in-house method

LITERATURE AND TYPICAL DATA

Property	Value	Unit	Method
Appearance	Clear liquid		visual inspection
Molar mass	306	g/mol	
Dynamic viscosity, 20 °C	32	mPa s	DIN EN ISO 3104
Refractive index, 20 °C	1.4943		DIN 51 423/2
Solution temperature (S-PVC, K value 82)	115	°C	video-based analysis ⁴⁾

⁴⁾ in-house method

Disclaimer

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