

## **DEUREX® E 06**

**TECHNICAL INFORMATION** 

**Chemical description:** Non polar, low melting polyethylene wax

**Application:** - Substitute for high melting paraffins

- Plastics industry, e.g. compounds and PVC

- Rubber and cable fillers

- Modification of adhesive- and coating hotmelts

- Additive for mineral oil industry, wax- and candle production

- Coating additive for Phytopharamceuticals

**Properties:** - Dispersing agent

Release agent

- Lubricant

**Specific characteristic:** - the only PE wax that melts below 100 °C

- Flexible wax with good adhesion

Technical data:



Colour: Wh

Delivery form: **DEUREX E 06 K** = Fine granules

	Minimum	Maximum	Method
Drop point*:	90 °C	99 °C	LV 12
			(DGF M-III 3)
Acid value:		0 mgKOH/g	DIN EN ISO 2114
Viscosity (140 °C)*:		40 mPas	LV 2 (DIN EN ISO3104)
Penetration:	10 mm*10 <sup>-1</sup>	25 mm*10 <sup>-1</sup>	LV 4
			(DIN 51579)
Density (23 °C):	0.94 g/cm³	0.96 g/cm³	LV 3
			(DIN EN ISO 1183)

<sup>\*</sup> Part of certificate of analysis

**Approvals:** DEUREX® E 06 is approved for the production of commodities intended to come

into contact with food.

EU: Regulation (EU) 10/2011 dated 14. January 2011

USA: FDA 21 CFR §§ 177.1520 (c), 175.105, 175.300, 176.170, 176.180, 172.888, 178.3720, 172.260, 172.615, 175.125, 175.320, 176.200, 177.1200,

177.1210, 177.1520, 177.2600, 178.3570, 178.3850

(Approvals with regard to limitations and migration values in the final application)

Safety: The product is no dangerous preparation according to Directive 1999/45/EC. It

is not subject to labelling according to EC Directives 67/548/EEC and Regulation

(EC) 1272/2008.

This data sheet is based on our current knowledge and experience. In view of the individual factors that may affect processing and application, this data does not relieve users from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties. Existing industrial/commercial protective laws have to be considered by the recipient. Updated versions of the data sheet replace all formerly existing versions.

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