

# DEUREX® E 11 K

## TECHNICAL INFORMATION

**Chemical description:** Non polar Polyethylene wax

**Application:** **Masterbatch**, e.g. PE, PP, PC, PS  
**Plastics industry**, e.g. compounds and PVC  
**Rubber and cable fillers**  
Modification of **adhesive- and coating hotmelts**  
**Road construction** (bitumen modifier, road marking)  
Additive for **mineral oil industry, wax- and candle production**  
Coating additive for **Phytopharmaceuticals**

**Properties:**

- dispersing agent
- release agent
- lubricant

**Specific characteristic:** Harder than DEUREX® E 10 K

**Technical data:**

Colour: white

Consistency: 

- fine granules
- liquid [in heated tank]

	Minimum	Maximum	Method
Drop point*:	110 °C	120 °C	LV 12 (DGF M-III 3)
Viscosity (140 °C)*:		80 mPas	LV 2 (DIN EN ISO 3104)
Penetration:	3,0 mm*10 <sup>-1</sup>	7,0 mm*10 <sup>-1</sup>	LV 4 (DIN 51579)
Density (23 °C)	0,94 g/cm <sup>3</sup>	0,96 g/cm <sup>3</sup>	LV 3 (DIN EN ISO 1183)

\* part of certificate of analysis

**Registration:** DEUREX® E 11 K is approved for use in the production of material used for direct food contact.

EU: Regulation (EU) 10/2011 dated 14. January 2011 – Ref.-No.: 80000

USA: FDA 21 CFR §§ 177.1520 (c)  
175.105, 175.300, 176.170, 176.180,  
178.3720

(Approvals with regard to limitations and migration values in the end-use 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 datasheet 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. This updated version of the data sheet does replace all formerly existing versions.