

## DEUREX® E 11

### TECHNICAL INFORMATION

**Chemical description:** Non polar, low molecular 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
- Fertilizer industry

**Properties:**

- Dispersing agent
- Release agent
- Lubricant
- Anti-caking and retarding agent

**Technical data:**

Colour: White

Delivery form: **DEUREX E 11 G** = Granules  
**DEUREX E 11 K** = Fine granules  
(upon request also liquid [in heated tanks])

	Minimum	Maximum	Method
Drop point*:	110 °C	120 °C	LV 12 (DGF M-III 3)
Acid value:		0 mgKOH/g	DIN EN ISO 2114
Viscosity (140 °C)*:		80 mPas	LV 2 (DIN EN ISO3104)
Penetration:	3 mm*10 <sup>-1</sup>	7 mm*10 <sup>-1</sup>	LV 4 (DIN 51579)
Density (23 °C):	0.91 g/cm <sup>3</sup>	0.96 g/cm <sup>3</sup>	LV 3 (DIN EN ISO 1183)

\* Part of certificate of analysis

**Approvals:** DEUREX® E 11 K is approved for the production of commodities intended to come into contact with food.

EU: Regulation (EU) 10/2011 dated 18. January 2018 – 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 final application)

**Alternative delivery form:** **DEUREX® E 1101 W** – Water-borne polyethylene wax emulsion  
**DEUREX® E 11 B** – Off white - Extremely competitive price