

## **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:

> **DEUREX E 11 G** = Granules Delivery form:

**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/cm³	0.96 g/cm³	LV 3 (DIN EN ISO 1183)

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

DEUREX® E 11 K is approved for the production of commodities intended to Approvals:

come into contac 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

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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