DEUREX® EO 40

TECHNICAL INFORMATION

Chemical description: Polar oxidized Polyethylene wax

Application:
- Plastics industry, such as PVC
- Textile industry
- Paper industry
- Leather industry
- Care products industry

Properties:
- Lubricant
- Release agent
- Good anti-blocking and slip
- Good abrasion resistance
- Finishing process of textiles

Advantages: Emulsifiable under pressure

Recommendation: DEUREX® EMU-E as emulsifying agent for DEUREX® EO 40

Technical data:

Colour: White
Delivery form: **DEUREX EO 40 K** = Fine Granules

	Minimum	Maximum	Method
Drop point*:	98 °C	112 °C	LV 12 (DGF M-III 3)
Acid value:		19 mgKOH/g	DIN EN ISO 2114
Viscosity (140 °C)*:		120 mPas	LV 2 (DIN EN ISO3104)
Penetration:	5.0 mm*10^{-1}	15.0 mm*10^{-1}	LV 4 (DIN 51579)
Density (23 °C):	0.93 g/cm³	0.96 g/cm³	LV 3 (DIN EN ISO 1183)

* Part of certificate of analysis

Approvals: DEUREX® EO 40 is approved for the production of commodities intended to come into contact with food.
EU: Regulation (EU) 10/2011 dated 14. January 2011 – Ref.-No.: 80077
USA: FDA 21 CFR §§ 175.105, 175.300, 176.170, 176.180,
(Approvals with regard to limitations and migration values in the final application)

Alternative delivery form: **DEUREX® EO 4001 W** – Water-borne HDPE emulsion

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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