

DEUREX® EO 42

TECHNICAL INFORMATION

Chemical description: Polar oxidized Polyethylene wax

Applications: - Plastics industry, e.g. PVC

Textile industry
Paper industry
Printing inks

Properties: - Lubricant

Release agent

Good antiblocking and slip
Good abrasion resistance

Technical data: Colour: Slightly yellow

Delivery form: **DEUREX® EO 42** = Fine Granules

	Minimum	Maximum	Method
Drop point*:	106 °C	114°C	LV 12 (DGF M-III 3)
Acid value:	15 mgKOH/g	19 mgKOH/g	DIN EN ISO 2114
Viscosity (140 °C)*:		300 mPas	LV 2 (DIN EN ISO3104)
Penetration:	2.0 mm*10 ⁻¹	4.0 mm*10 ⁻¹	LV 4 (DIN 51579)
Density (23 °C):	0.93 g/cm³	0.95 g/cm³	LV 3 (DIN EN ISO 1183)

^{*} Part of certificate of analysis

Approvals: DEUREX® EO 42 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

Directive 95/2/EC dated 20 February 1995 (E 914)

FRG: BfR recommendation II, V, VI, XXXIV

German Food Additive Approval Regulation (E 914)

USA: FDA 21 CFR §§ 172.260, 177.1620

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

Alternative delivery form: DEUREX® EO 4001 W – MDPE wax emulsion, 98% < 1 µm

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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