

## DEUREX® EO 40 K

### TECHNICAL INFORMATION

<b>Chemical description:</b>	Oxidized LDPE wax
<b>Applications:</b>	<u>PVC and other plastics</u> - Can be used in all U-PVC and P-PVC applications but also in C-PVC
<b>Properties:</b>	Partially internal and external wax, highly effective which - Accelerates fusion, - Increases torque and pressure - Synergistic effect in combination with non-polar PE waxes by reduction of melt viscosity
<b>Typical dosages:</b>	Depending on the rheological requirements: - Up to 0.3 phr for PVC - Up to 1.5 phr for C-PVC
<b>Typical properties:</b>	Colour: Slightly yellow Delivery form: <b>DEUREX EO 40 K</b> = Fine Granules

	Minimum	Maximum	Method
Penetration:	5.0 mm*10 <sup>-1</sup>	10.0 mm*10 <sup>-1</sup>	LV 4 (DIN 51579)
Viscosity (140 °C):		120 mPas	LV 2 (DIN EN ISO3104)
Drop point*:	98 °C	112 °C	LV 12 (DGF M-III 3)
Density (23 °C):		0.96 g/cm <sup>3</sup>	LV 3 (DIN EN ISO 1183)
Acid value*:		15 mgKOH/g	DIN EN ISO 2114

\* Part of certificate of analysis

<b>Approvals:</b>	DEUREX® EO 40 K 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)
<b>Additional lubricants:</b>	<b>DEUREX® E 11 K</b> – Homopolymer PE-wax <b>DEUREX® EO 44 K</b> – Oxidized HDPE wax <b>DEUREX® T 39 K</b> – Fischer Tropsch wax <b>DEUREX® TO 80 G</b> – Oxidized Fischer Tropsch wax (hard paraffin)
<b>Alternative delivery form:</b>	<b>DEUREX® EO 4001 W</b> – Water-borne HDPE wax emulsion

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