

DEUREX® EO 43 K

TECHNICAL INFORMATION

Chemical description: Oxidized HDPE wax

Production process: Dry Oxidation

Applications: PVC and other plastics

- Can be used in all U-PVC and P-PVC applications but also in C-PVC

Properties: Partially internal and external wax, highly effective wax

- Accelerates fusion, increases torque and pressure

- Synergistic effect in combination with non-polar PE waxes

by reduction of melt viscosity

- Very effective for the use in processing PVC regrind

Hot melt

- Adhesion, heat resistance, increase production output

Dust free

Typical dosages: Depending on the rheological requirements:

Up to 0.2 phr for PVC, up to 0.5 phr for C-PVC

Technical data: Colour: Off-white

Delivery form: **DEUREX EO 43 K** = Fine granules

	Minimum	Maximum	Method
Drop point:	137 °C	139 °C	ASTM D 3954
Acid value*:	6 mgKOH/g	9 mgKOH/g	ASTM D 1386
Penetration:		0.5 mm*10 ⁻¹	ASTM D 1321
Viscosity (150 °C):		30.000 mPas	ISO 3219
Density (23 °C):	0.97 g/cm ³	0.99 g/cm ³	ISO 1183

^{*} Part of certificate of analysis

Approvals: Food contact approvals

Alternative products: See https://www.deurex.com/productsearch/DEUREX-EO-43-K/

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