

## 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 <sup>-1</sup>	ASTM D 1321
Viscosity (150 °C):		30.000 mPas	ISO 3219
Density (23 °C):	0.97 g/cm <sup>3</sup>	0.99 g/cm <sup>3</sup>	ISO 1183

\* Part of certificate of analysis

**Approvals:** Food contact approvals

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