

## DEUREX<sup>®</sup> EO 41 K

### TECHNICAL INFORMATION

- Chemical description:** Oxidized MDPE polyethylene wax
- Applications:**
- PVC and other plastics
  - Rubber
  - Lubricants
  - Production of solvent based and water based emulsions
- Properties:**
- PVC
- Highly effective external lubrication
  - Improve lubricity
  - Release agent
  - Viscosity control
  - Reduces melt temperature and mould pressure
- Production of solvent based and water based emulsions
- Very fine and transparent emulsion
  - Water resistance, smoothness and gloss
  - Good abrasion resistance, antiblocking and slip

**Technical data:**

Colour: Off-white  
Delivery form: **DEUREX<sup>®</sup> EO 41 K** = Fine Granules

	Minimum	Maximum	Method
Drop point*:	98 °C	104 °C	ASTM D 3954
Acid value*:	15 mg KOH/g	19 mg KOH/g	ASTM D 1386
Viscosity (140 °C)*:	150 mPas	250 mPas	ISO 3219
Penetration:	3.0 mm*10 <sup>-1</sup>	6.0 mm*10 <sup>-1</sup>	ASTM D 1321
Density (23 °C):	0.92 g/cm <sup>3</sup>	0.94 g/cm <sup>3</sup>	ISO 1183

\* Part of certificate of analysis

**Approvals:** Food contact approval

**Alternative products:** See <https://www.deurex.com/productsearch/DEUREX-EO-41-K/>