

## DEUREX® E 06 K

### TECHNICAL INFORMATION

- Chemical description:** Non polar, low melting Polyethylene wax
- Applications:** PVC and other plastics  
- Can be used in all U-PVC and P-PVC applications but also in C-PVC
- Properties:** External wax, highly effective which  
- Delays fusion  
- Decreases torque and pressure  
- Decreases melt temperature  
- Improves gloss of the final product  
- About 25% higher effective in comparison to Deurex E11 K  
- Synergistic effect in combination with oxidized PE wax by reduction of melt viscosity
- Typical dosages:** Depending on the rheological requirements  
- Up to 0.6 phr for PVC  
- Up to 1.0 phr for C-PVC

**Technical data:**

Colour: White  
Delivery form: **DEUREX E 06 K** = Fine granules

	Minimum	Maximum	Method
Drop point*:	90 °C	99 °C	LV 12 (DGF M-III 3)
Acid value:		0 mgKOH/g	DIN EN ISO 2114
Viscosity (140 °C)*:		40 mPas	LV 2 (DIN EN ISO3104)
Penetration:	10 mm*10 <sup>-1</sup>	25 mm*10 <sup>-1</sup>	LV 4 (DIN 51579)
Density (23 °C):	0.94 g/cm <sup>3</sup>	0.96 g/cm <sup>3</sup>	LV 3 (DIN EN ISO 1183)

\* Part of certificate of analysis

**Additional lubricants:**

- DEUREX® E 11 K** – Homopolymer PE-Wachs  
**DEUREX® EO 40 K** – Oxidized LDPE wax  
**DEUREX® EO 44 K** – Oxidized HDPE wax  
**DEUREX® T 39 K** – Fischer Tropsch wax  
**DEUREX® TO 80 G** – Oxidized Fischer Tropsch wax (hard paraffin)