

DEUREX® EO 75 K

TECHNICAL INFORMATION

- Chemical description:** Oxidized emulsifiable polyethylene wax
- Applications:** Production of water based emulsions and dispersions for
- Textile industry (improved sewability and cutting of textiles, improves machine lifetime)
 - Care products, polishes
 - Coatings and inks (e.g. overprint varnishes)
 - Leather & paper industry

PVC and other plastics

Printing inks

- Properties:**
- For the production of very fine and transparent emulsions
 - Highly effective external lubricant
 - Water resistance, smoothness and gloss
 - Release agent
 - Good antiblocking and slip
 - Good abrasion resistance

- Technical data:**
- Colour: Off-white
Delivery form: **DEUREX® EO 75 K** = Fine Granules

| | Minimum | Maximum | Method |
|---------------------|-------------------------|-------------------------|---------------------------|
| Drop point*: | 100 °C | 113 °C | LV 12 (DGF M-III 3) |
| Congealing point: | 94 °C | 98 °C | LV 12 (DGF M-III 3) |
| Acid value*: | 5 mgKOH/g | 9 mgKOH/g | DIN EN ISO 2114 |
| Viscosity (140 °C): | | 20 mPas | LV 2 (DIN EN ISO3104) |
| Penetration: | 3.0 mm*10 ⁻¹ | 6.0 mm*10 ⁻¹ | LV 4 (DIN 51579) |
| Density (23 °C): | 0.92 g/cm ³ | 0.94 g/cm ³ | LV 3 (DIN EN ISO 1183) |

* Part of certificate of analysis

- Alternative products:**
- DEUREX® EO 76 K** – Oxidized LDPE wax, acid value 12
DEUREX® EO 77 K – Oxidized LDPE wax, acid value 17
DEUREX® EO 78 K – Oxidized LDPE wax, acid value 22