

DEUREX® E 06

TECHNICAL INFORMATION

- Chemical description:** Non polar, low melting polyethylene wax
- Application:**
- Substitute for high melting paraffins
 - Plastics industry, e.g. compounds and PVC
 - Rubber and cable fillers
 - Modification of adhesive- and coating hotmelts
 - Additive for mineral oil industry, wax- and candle production
 - Coating additive for Phytopharamceuticals
- Properties:**
- Dispersing agent
 - Release agent
 - Lubricant
- Specific characteristic:**
- the only PE wax that melts below 100 °C
 - Flexible wax with good adhesion

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 ⁻¹ | 25 mm*10 ⁻¹ | LV 4 (DIN 51579) |
| Density (23 °C): | 0.94 g/cm ³ | 0.96 g/cm ³ | LV 3 (DIN EN ISO 1183) |

* Part of certificate of analysis

- Approvals:**
- DEUREX® E 06 is approved for the production of commodities intended to come into contact with food.
- EU: Regulation (EU) 10/2011 dated 14. January 2011
- USA: FDA 21 CFR §§ 177.1520 (c), 175.105, 175.300, 176.170, 176.180, 172.888, 178.3720, 172.260, 172.615, 175.125, 175.320, 176.200, 177.1200, 177.1210, 177.1520, 177.2600, 178.3570, 178.3850
(Approvals with regard to limitations and migration values in the final application)

- Safety:**
- The product is no dangerous preparation according to Directive 1999/45/EC. It is not subject to labelling according to EC Directives 67/548/EEC and Regulation (EC) 1272/2008.