

DEUREX® E 09

TECHNICAL INFORMATION

- Chemical description:** Non polar hard Polyethylene wax
- Applications:** Masterbatch
Powder coatings
Hot melts
Raw materials for micronized waxes
- Properties:**
- Modification of viscosity
 - Good dispersing properties
 - Increased colour yield
- Benefits:**
- Can partly substitute classic Fischer-Tropsch waxes
 - AIR CLASSIFICATION PROCESS with particle size < 150 µm (DEUREX E 09 A)

Technical data: Colour: White
Delivery forms: **DEUREX® E 09 K** = Fine granules
DEUREX® E 09 A = Finest powder, 98% < 150 µm

	Minimum	Maximum	Method
Drop point*:	110 °C	120 °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:	2.0 mm*10 ⁻¹	5.0 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 09 is approved for the production of commodities intended to come into contact with food.

EU: Regulation (EU) 10/2011 dated 14. January 2011 – Ref.-No.: 80000

USA: FDA 21 CFR §§ 177.1520 (c) 175.105, 175.300, 176.170, 176.180, 178.3720
(Approvals with regard to limitations and migration values in the final application)

Alternative delivery form: **DEUREX® E 0908 W** – Water-based dispersion, 98% < 8 µm
DEUREX® E 0912 O – Oil-based dispersion, 98% < 12 µm
DEUREX® E 0920 M – Micronized powder, 98% < 20 µm
DEUREX® E 0925 M – Micronized powder, 98% < 25 µm

Alternative products: **DEUREX® T 39 K** – Fischer-Tropsch wax granules
DEUREX® H 91 K – Hybrid wax granules