

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
DEUREX® E 0920 M – Micro-sized powder, 98% < 20 µm

This data sheet is based on our current knowledge and experience. In view of the individual factors that may affect processing and application, this data does not relieve users from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties. Existing industrial/commercial protective laws have to be considered by the recipient. Updated versions of the data sheet replace all formerly existing versions.
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