

DEUREX® E 0920 M

TECHNICAL INFORMATION

- Chemical description:** Micronized Polyethylene wax
- Production process:** Air classification process
- Benefits:**
- Guaranteed maximum particle size and constant and narrow particle size distribution
- Applications:**
- Paints and coatings
- Powder coatings
 - Industrial- and wood coatings
 - Can-, coil-, automotive-, furniture and parquet coatings
 - Decorative paints
- Printing inks
- Gravure printing, overprint varnishes, screen printing inks
 - Flexo-, web-fed-, sheetfed offset-, and coldset inks
- Masterbatch
- Dispersing agent
 - Stabilizing agent
 - Reduction of production costs
- Properties:**
- High abrasion and scratch resistance
 - Very good dispersion properties
 - Very good anti-blocking and slip
 - Increase in surface gloss
 - Easy to disperse without heating
 - Avoid high temperatures over 50°C

Technical data: Colour: White
Delivery form: **DEUREX® E 0920 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*:		98 % < 20 µm	LV 5 (DIN ISO 13320)
Typical value:		50 % ~ 8 µm	
Drop point*:	110 °C	120 °C	LV 12 (DGF M-III 3)
Penetration:	2 mm*10 ⁻¹	5 mm*10 ⁻¹	LV 4 (DIN 51579)
Density (23 °C):	0.94 g/cm ³	0.96 g/cm ³	LV 3 (DIN ISO 1183)

* Part of certificate of analysis

Approvals: EU: Regulation (EU) 10/2011 dated 14th 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 09 K** – Fine granules
DEUREX® E 09 A – Finest powder, 98% < 150 µm
DEUREX® E 0908 W – Water-based dispersion, 98% < 8 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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