

DEUREX[®] X 2010 M

TECHNICAL INFORMATION

- Chemical description:** Micro-sized VEGETABLE Ethylene-Bis-Steramid wax (EBS)
- Production process:** Air classification process
- Benefits:**
- On the basis of stearic acid from the sugar cane plant
 - Temperature stable
 - Lighter color compared to all other amides
 - No influence on transparency
 - Nearly odorless
 - Guaranteed maximum particle size and constant and narrow particle size distribution

- Applications:** Paints and coatings
- Powder coatings and UV coatings
 - Industry- and wood coatings

- Properties:**
- Processing aid, dispersing aid
 - Internal and external lubricant
 - Good Chemical resistance
 - Excellent anti-blocking properties
 - Release agent and degassing agent

- Technical data:**
- Colour: White
- Delivery form: **DEUREX[®] X 2010 M** = Micro-sized powder

	Minimum	Maximum	Method
Particle size*:		98 % < 10 µm	LV 5 (DIN ISO 13320)
Typical value:		50 % ~ 3 µm	
Drop point (Polymer)*:	142 °C	151 °C	LV 12 (DGF M-III 3)
Penetration:	1 mm*10 ⁻¹	3 mm*10 ⁻¹	LV 4 (DIN 51579)
Density (23 °C) (Polymer):	0.98 g/cm ³	1.00 g/cm ³	LV 3 (DIN ISO 1183)

* Part of certificate of analysis

- Approvals:**
- DEUREX[®] X 2010 M is approved for the production of commodities intended to come into contact with food.
- EU: Regulation (EU) 10/2011 dated 14th January 2011 – Ref.-No.: 80000
- USA: FDA 21 CFR §§ 175.105, 175.300, 175.320, 175.380, 175.390, 176.170, 176.180, 177.1200, 177.1210, 177.1350, 177.1400, 177.2470, 177.2480, 178.3860, 179.45, 181.28
- (Approvals with regard to limitations and migration values in the final application)

- Alternative delivery forms:**
- DEUREX[®] X 20 K** – Fine granules
- DEUREX[®] X 20 A** – Finest powder, < 150 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.

@ - registered trademark by DEUREX