

## **DEUREX® X 20**

TECHNICAL INFORMATION

Chemical description: Bio-based VEGETABLE Ethylene-Bis-Stearamide wax (EBS)

Benefits: - Bio-based wax

Lighter color compared to all the other amides

No influence on transparency

- Nearly odorless

Applications: - Hot melts (Increase of viscosity and thermal stability, reduction of "open time")

Masterbatch, Plastics industry (e.g. PVC)

- Printing inks

- Paints and coatings

- Synthetic rubber and fibers

**Properties**: - Processing aid, dispersing aid

Internal and external lubricant
Excellent anti-blocking properties

- Release agent

- Dust free

Technical data: Colour: White

Delivery form: **DEUREX® X 20 K** = Fine granules

**DEUREX**<sup>®</sup> **X 20 A** = Finest powder, 98% < 150 μm

	Minimum	Maximum	Method
Drop point*:	142 °C	151 °C	LV 12
			(DGF M-III 3)
Acid value*:		5 mg KOH/g	DIN EN ISO 2114
Viscosity (160 °C):		20 mPas	LV 2 (DIN EN ISO3104)
Penetration:	1.0 mm*10 <sup>-1</sup>	3.0 mm*10 <sup>-1</sup>	LV 4
			(DIN 51579)
Density (23 °C):	0.98 g/cm <sup>3</sup>	1.00 g/cm <sup>3</sup>	LV 3 (DIN EN ISO 1183)

<sup>\*</sup> Part of certificate of analysis

Approvals: EU: Regulation (EU) 10/2011; Ref.-No.: 53520

USA: FDÅ 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,

Revision:

178.3860, 179.45, 181.28

(Approvals with regard to limitations and migration values in the final application)

Alternative delivery form: DEUREX® X 2010 M - Micronized powder, 98% < 10  $\mu$ m

DEUREX® X 2020 M – Micronized powder,  $98\% < 20~\mu m$  DEUREX® X 2050 M – Micronized powder,  $98\% < 50~\mu m$ 

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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