

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® 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 ⁻¹	3.0 mm*10 ⁻¹	LV 4 (DIN 51579)
Density (23 °C):	0.98 g/cm ³	1.00 g/cm ³	LV 3 (DIN EN ISO 1183)

* Part of certificate of analysis

Approvals:

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

DEUREX® X 2010 M – Micronized powder, 98% < 10 µm
DEUREX® X 2020 M – Micronized powder, 98% < 20 µm
DEUREX® X 2050 M – Micronized powder, 98% < 50 µm