

## DEUREX® X 20

### TECHNICAL INFORMATION

<b>Chemical description:</b>	VEGETABLE Ethylene-Bis-Stearamide wax (EBS)
<b>Benefits:</b>	<ul style="list-style-type: none"> <li>- On the basis of stearic acid from the sugar cane plant</li> <li>- Temperature stable</li> <li>- Lighter color compared to all the other amides</li> <li>- No influence on transparency</li> <li>- Nearly odorless</li> </ul>
<b>Applications:</b>	<ul style="list-style-type: none"> <li>- Hot melts</li> <li>- Plastics industry (e.g. PVC)</li> <li>- Printing inks</li> <li>- Paints and coatings</li> <li>- Defoamer in paper</li> <li>- Synthetic rubber and fibers</li> <li>- Bitumen</li> </ul>
<b>Properties:</b>	<ul style="list-style-type: none"> <li>- Processing aid, dispersing aid</li> <li>- Internal and external lubricant</li> <li>- Excellent anti-blocking properties</li> <li>- Release agent</li> <li>- Bitumen stabilizer</li> </ul>
<b>Technical data:</b>	<p>Colour: White</p> <p>Delivery form: <b>DEUREX® X 20 K</b> = Fine granules <b>DEUREX® X 20 A</b> = Finest powder, &lt; 150 µm</p>

	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)

\* Part of certificate of analysis

<b>Approvals:</b>	<p>DEUREX® X 20 is approved for the production of commodities intended to come into contact with food.</p> <p>EU: Regulation (EU) 10/2011 dated 14. January 2011 – Ref.-No.: 80000</p> <p>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</p> <p>(Approvals with regard to limitations and migration values in the final application)</p>
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<b>Alternative delivery form:</b>	<b>DEUREX® X 2010 M</b> – Micro-sized powder, < 10 µm
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