

DEUREX® X 20 K

TECHNICAL INFORMATION

Chemical description:	N,N'-Ethylene bis stearamide (EBS), plant based		
Benefits:	<ul style="list-style-type: none"> - On the basis of stearic acid from the sugar cane plant - Temperature stable - Lighter color compared to all the other amides - No influence on transparency - Nearly odorless 		
Applications:	<u>PVC and other plastics</u> <ul style="list-style-type: none"> - Can be used in all U-PVC and P-PVC applications but also in C-PVC 		
Properties:	External wax combination, highly effective which <ul style="list-style-type: none"> - Between internal and external lubricant with anti-block, anti-tack, anti-stick and antistatic effect - Mold release agent - Slip agent - Gloss improver in U-PVC esp. in window profile applications - Improve surface's resistance to salt, heat, moisture and most solvents - Especially useful in combination with Tin stabilisers - It might reduce thermal stability when overdosed 		
Typical dosages:	Depending on the rheological requirements: <ul style="list-style-type: none"> - 0.1 to 0.2 phr for PVC 		
Technical data:	Colour:	White	
	Delivery form:	DEUREX® X 20 K = Fine granules	
		Minimum	Maximum
	Drop point*:	142 °C	151 °C
	Acid value*:		5 mg KOH/g
	Viscosity (160 °C):		20 mPas
	Penetration:	1.0 mm*10 ⁻¹	3.0 mm*10 ⁻¹
	Density (23 °C):	0.98 g/cm ³	1.00 g/cm ³
			Method
			LV 12 (DGF M-III 3)
			DIN EN ISO 2114
			LV 2 (DIN EN ISO3104)
			LV 4 (DIN 51579)
			LV 3 (DIN EN ISO 1183)
	* Part of certificate of analysis		
Approvals:	DEUREX® X 20 K is approved for the production of commodities intended to come into contact with food. EU: Regulation (EU) 10/2011 dated 14. 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 form:	DEUREX® X 2010 M – Micronized powder, 98% < 10 µm DEUREX® X 20 A – Finest powder, 98% < 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.

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