

DEUREX® A 2050 M

TECHNICAL INFORMATION

Chemical description:	Ethylene-Bis-Stearamide wax (EBS)
Applications:	- Sinter - Powder metallurgy
Properties:	- Processing aid - Release agent - Internal Lubricant
Benefits:	- No discoloration and no soot formation at the sinter process
Technical data:	Colour: White Delivery forms: DEUREX® A 2050 M = Micronized powder

	Minimum	Maximum	Method
Particle size*:		98 % < 50 µm	LV 5 (DIN ISO 13320)
Typical value:		50 % ~ 10 µm	
Drop point*:	142 °C	151 °C	LV 12 (DGF M-III 3)
Acid value*:		10 mgKOH/g	DIN EN ISO 2114
Viscosity (140 °C):		20 mPas	LV 2 (DIN EN ISO3104)
Penetration:	1 mm*10 ⁻¹	3 mm*10 ⁻¹	LV 4 (DIN 51579)
Density (23 °C):	0.98 g/cm³	1.00 g/cm³	LV 3 (DIN EN ISO 1183)

* Part of certificate of analysis

Approvals:	DEUREX® A 2050 M is approved for use in the production of consumer good used for food contact. EU: Regulation (EU) 10/2011 dated 14. January 2011 – Ref.-No.: 80000 USA: FDA 21 CFR §§ 175.105, 175.300, 176.170, 177.1200, 177.2470, 177.2480 Approvals with regard to limitations and migration values in the end use application
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Alternative delivery form:	DEUREX® A 20 K – Fine granules DEUREX® A 20 A – Finest powder, 98% < 150 µm DEUREX® A 2015 M – Micronized powder, 98% < 15 µm DEUREX® A 2008 W – Waterbased dispersion, 98% < 8 µm
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Alternative products:	DEUREX® X 20 K – VEGETABLE Ethylene-Bis-Stearamide wax (EBS) DEUREX® X 20 A – Finest powder, 98% < 150 µm DEUREX® X 2010 M – Micronized powder, 98% < 10 µm DEUREX® X 2008 W – Waterbased dispersion, 98% < 8 µm
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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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