

DEUREX® A 2050 M

TECHNICAL INFORMATION

Chemical description: Biobased Ethylen-Bis-Stearamid wax (EBS), micronized

Applications: - Powder metallurgy

Properties: - Internal lubricant

- Release agent for metal die casting

Processing aids

- Free flowing, fast flow time

- Excellent lubrication anti-blocking properties

- Zink free, cero ash

Benefits: - No discolouration and no soot formation during the sintering process

- Clean burn-off, lubricant burns soot-free

- Good release properties in injection moulding applications

Technical data: Colour: White

Delivery forms: **DEUREX® A 2050 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*:		98 % < 50 μm	ISO 13320
Typical value:		50 % < 13 µm	
Drop point*:	142 °C	151 °C	ASTM D 3954
Acid value*:		10 mgKOH/g	ASTM D 1386
Viscosity (145 °C):		20 mPas	ISO 3219
Penetration:	2 mm*10 ⁻¹	5 mm*10 ⁻¹	ASTM D 1321
Apparent density**:	2,81 g/cm ³		AD, Hall
Flow time**:	35 sec.		Hall
Green density**:	7,11 g/cm ³		
Springback**:	0,20 %		70°C

^{*} Part of certificate of analysis

Approvals: Food contact approvals

Alternative products: See https://www.deurex.de/produktsuche/DEUREX-A-2050-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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Revision:

^{**} Standard iron powder with 0.7% Lubricant