

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, zero 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 (150 °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

** Standard iron powder with 0.7% Lubricant

Approvals: Food contact approvals

Alternative products: See <https://www.deurex.de/produktsuche/DEUREX-A-2050-M/>

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