

## 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 (150 °C):		20 mPas	ISO 3219
Penetration:	2 mm*10 <sup>-1</sup>	5 mm*10 <sup>-1</sup>	ASTM D 1321
Apparent density**:	2,81 g/cm <sup>3</sup>		AD, Hall
Flow time**:	35 sec.		Hall
Green density**:	7,11 g/cm <sup>3</sup>		
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/produksuche/DEUREX-A-2050-M/>

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