

## DEUREX<sup>®</sup> 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<sup>®</sup> 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 <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/produktsuche/DEUREX-A-2050-M/>