

DEUREX A 2035 M

TECHNICAL INFORMATION

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

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
- Greater surface

Technical data: Colour: White
Delivery forms: **DEUREX A 2035 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*:	98 % < 35 µm		ISO 13320
Typical value:	50 % < 7 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**:	2,75 g/cm ³		AD, Hall
Flow time**:	36 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.com/productsearch/DEUREX-A-2035-M/>

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