

## **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

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	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 <sup>-1</sup>	5 mm*10 <sup>-1</sup>	ASTM D 1321
Apparent density**:	2,75 g/cm <sup>3</sup>		AD, Hall
Flow time**:	36 sec.		Hall
Green density**:	7,11 g/cm <sup>3</sup>		
Springback**:	0,20 %		70°C

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**Approvals:** Food contact approvals

Alternative products: See <a href="https://www.deurex.com/productsearch/DEUREX-A-2035-M/">https://www.deurex.com/productsearch/DEUREX-A-2035-M/</a>

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<sup>\*</sup> Part of certificate of analysis

<sup>\*\*</sup> Standard iron powder with 0.7% Lubricant