

## DEUREX H 7480 M

### TECHNICAL INFORMATION

- Chemical description:** Powder mixture for excellent lubrication
- Applications:**
- Powder metallurgy
- Properties:**
- Excellent lubrication anti-blocking properties
  - Improves pressing and sintering process
  - Free flowing, low flow time
  - Easy part removal from the die, reduced part distortion
  - Cero ash
- Production:**
- Antiblock is coated to the warm lubricant during production.
  - Antiblock adheres on the surface of the wax
- Benefits:**
- Low tendency to fouling and staining after sintering
  - Good release properties in injection moulding applications
  - Lubrication is ameliorated up to 20% compared to a standard premix
  - Clean burn off, lubricant burns soot-free
  - Clean part surfaces and no residues occure in the oven
  - Suitable for warm compaction
  - Low tool wear
  - Improved pressability
  - Reduction of the discharge pressure
  - Increase the green strength and stability of the finished products
  - Use of renewable raw materials

**Technical data:**

Colour: White  
Delivery forms: **DEUREX H 7480 M** = Micronized powder

	Average value	Method
Particle size*:	98 % < 80 µm	ISO 13320
Typical value:	50 % < 10 µm	
Apparent density:	2,88 g/cm <sup>3</sup>	AD, Hall
Flow time:	29 sec.	Hall
Green density:	7,3 g/cm <sup>3</sup>	
Springback:	0,23 %	70°C

Standard iron powder with 0.7% Lubricant according to DEUREX® method

**Approvals:** Food contact approvals

**Alternative products:** See <https://www.deurex.com/productsearch/DEUREX-H-7480-M/>

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