

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 occur 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 ³	AD, Hall
Flow time:	29 sec.	Hall
Green density:	7,3 g/cm ³	
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/>