

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 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/

This data sheet is based on our current knowledge and experience. In view of the individual factors that may affect processing and application, this data does not relieve users from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties. Existing industrial/commercial protective laws have to be considered by the recipient. Updated versions of the data sheet replace all formerly existing versions.

® - registered trademark by DEUREX

Revision: