

DEUREX H 7480 M

TECHNICAL INFORMATION

Chemical description:	Powder mixture for excellent lubrication																										
Applications:	<ul style="list-style-type: none"> - Powder metallurgy 																										
Properties:	<ul style="list-style-type: none"> - 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:	<ul style="list-style-type: none"> - Antiblock is coated to the warm lubricant during production. - Antiblock adheres on the surface of the wax 																										
Benefits:	<ul style="list-style-type: none"> - 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:	<table> <tr> <td>Colour:</td> <td>White</td> </tr> <tr> <td>Delivery forms:</td> <td>DEUREX H 7480 M = Micronized powder</td> </tr> </table> <table> <thead> <tr> <th></th> <th>Average value</th> <th>Method</th> </tr> </thead> <tbody> <tr> <td>Particle size*:</td> <td>98 % < 80 µm</td> <td>ISO 13320</td> </tr> <tr> <td>Typical value:</td> <td>50 % < 10 µm</td> <td></td> </tr> <tr> <td>Apparent density:</td> <td>2,88 g/cm³</td> <td>AD, Hall</td> </tr> <tr> <td>Flow time:</td> <td>29 sec.</td> <td>Hall</td> </tr> <tr> <td>Green density:</td> <td>7,3 g/cm³</td> <td></td> </tr> <tr> <td>Springback:</td> <td>0,23 %</td> <td>70°C</td> </tr> </tbody> </table> <p>Standard iron powder with 0.7% Lubricant according to DEUREX® method</p>		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
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Approvals:	Food contact approvals																										
Alternative products:	See https://www.deurex.com/productsearch/DEUREX-H-7480-M/																										

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