

## DEUREX® H 9515 M

### TECHNICAL INFORMATION

<b>Chemical description:</b>	Micronized hybrid wax, based on Polyethylene, Fischer-Tropsch- and Amide wax																																
<b>Benefits:</b>	<p>Hybrid waxes offer a variety of wax properties:</p> <ul style="list-style-type: none"> <li>- Contains short-chained polyethylene waxes to optimize adhesion and flexibility on the surface of the end product as well as UV resistance</li> <li>- Contains long-chained hard paraffins (FT waxes) to increase scratch, abrasion and heat resistance</li> <li>- Contains high-melting amide waxes to increase the temperature resistance but above all to improve the anti-blocking and free flowing properties, the degassing and to avoid the formation of agglomerates</li> </ul>																																
<b>Applications:</b>	<p><u>Liquid coatings</u></p> <ul style="list-style-type: none"> <li>- Very good scratch resistance</li> <li>- Lowers the coefficient of friction (slip)</li> <li>- Improves abrasion resistance and minimizes metal markings</li> <li>- Soft touch and anti-blocking properties</li> </ul> <p><u>Printing inks</u></p> <ul style="list-style-type: none"> <li>- Slip and rub resistance</li> <li>- Anti-blocking properties</li> </ul> <p><u>Powder coatings</u></p> <ul style="list-style-type: none"> <li>- Very good degassing agent</li> <li>- Improves flowability of the powder</li> <li>- Provides slip and scratch resistance</li> </ul>																																
<b>Properties:</b>	<ul style="list-style-type: none"> <li>- Excellent rub resistance after a short drying time</li> <li>- Gloss-reducing properties in all coatings</li> </ul>																																
<b>Processing:</b>	<ul style="list-style-type: none"> <li>- Economically beneficial due to the usage of less energy and lower temperatures in the production process</li> <li>- Reduction of manufacturing costs by quickly and effectively processing</li> </ul>																																
<b>Technical data:</b>	<table border="0"> <tr> <td>Colour:</td> <td colspan="3">White</td> </tr> <tr> <td>Delivery form:</td> <td colspan="3"><b>DEUREX® H 9515 M</b> = Micronized powder</td> </tr> <tr> <td></td> <td>Minimum</td> <td>Maximum</td> <td>Method</td> </tr> <tr> <td>Particle size*:</td> <td></td> <td>98 % &lt; 15 µm</td> <td>ISO 13320</td> </tr> <tr> <td>Typical value:</td> <td></td> <td>50 % ~ 5 µm</td> <td></td> </tr> <tr> <td>Drop point*</td> <td>135 °C</td> <td>145 °C</td> <td>ASTM D 3954</td> </tr> <tr> <td>Penetration:</td> <td></td> <td>3 mm*10<sup>-1</sup></td> <td>ASTM D 1321</td> </tr> <tr> <td>Density (23 °C):</td> <td>0.97 g/cm<sup>3</sup></td> <td>0.99 g/cm<sup>3</sup></td> <td>ISO 1183</td> </tr> </table> <p>* Part of certificate of analysis</p>	Colour:	White			Delivery form:	<b>DEUREX® H 9515 M</b> = Micronized powder				Minimum	Maximum	Method	Particle size*:		98 % < 15 µm	ISO 13320	Typical value:		50 % ~ 5 µm		Drop point*	135 °C	145 °C	ASTM D 3954	Penetration:		3 mm*10 <sup>-1</sup>	ASTM D 1321	Density (23 °C):	0.97 g/cm <sup>3</sup>	0.99 g/cm <sup>3</sup>	ISO 1183
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<b>Approvals:</b>	Food contact approvals																																
<b>Alternative products:</b>	See <a href="https://www.deurex.com/productsearch/DEUREX-H-9515-M/">https://www.deurex.com/productsearch/DEUREX-H-9515-M/</a>																																

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