

DEUREX® H 9122 M

TECHNICAL INFORMATION

Chemical description:	Micronized hybrid wax, based on Fischer-Tropsch wax and Polyethylene wax																								
Benefits:	<p>Hybrid waxes offer a variety of wax properties:</p> <ul style="list-style-type: none"> - Contains short-chained polyethylene waxes to optimize adhesion and flexibility on the surface of the end product as well as UV resistance - Contains long-chained Fischer-Tropsch waxes to increase scratch and abrasion resistance - Contains high-melting polyolefin waxes to increase the temperature resistance and hydrophilicity of the surface 																								
Applications:	<p><u>Paints and coatings</u></p> <ul style="list-style-type: none"> - Liquid coatings, Powder coatings, can coatings, UV coatings <p><u>Printing inks</u></p> <ul style="list-style-type: none"> - Gravure, flexo, offset, radiation curing inks 																								
Properties:	<ul style="list-style-type: none"> - Excellent abrasion and scratch resistance - Very good chemical and weather resistance - Improved UV-resistance and anti-blocking properties 																								
Processing:	<ul style="list-style-type: none"> - Economically beneficial due to the usage of less energy and lower temperatures in the production process - Reduction of manufacturing costs by quickly and effectively processing 																								
Technical data:	<p>Colour: White</p> <p>Delivery form: DEUREX® H 9122 M = Micronized powder</p> <table border="1"> <thead> <tr> <th></th> <th>Minimum</th> <th>Maximum</th> <th>Method</th> </tr> </thead> <tbody> <tr> <td>Particle size*:</td> <td></td> <td>98 % < 22 µm</td> <td>ISO 13320</td> </tr> <tr> <td>Typical value:</td> <td></td> <td>50 % ~ 8 µm</td> <td></td> </tr> <tr> <td>Drop point*</td> <td>110 °C</td> <td>120 °C</td> <td>ASTM D 3954</td> </tr> <tr> <td>Penetration:</td> <td></td> <td>2 mm*10⁻¹</td> <td>ASTM D 1321</td> </tr> <tr> <td>Density (23 °C):</td> <td>0.94 g/cm³</td> <td>0.95 g/cm³</td> <td>ISO 1183</td> </tr> </tbody> </table> <p>* Part of certificate of analysis</p>		Minimum	Maximum	Method	Particle size*:		98 % < 22 µm	ISO 13320	Typical value:		50 % ~ 8 µm		Drop point*	110 °C	120 °C	ASTM D 3954	Penetration:		2 mm*10 ⁻¹	ASTM D 1321	Density (23 °C):	0.94 g/cm ³	0.95 g/cm ³	ISO 1183
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Approvals:	Food contact approvals																								
Alternative products:	See https://www.deurex.com/productsearch/DEUREX-H-9122-M/																								