

DEUREX[®] H 9620 M

TECHNICAL INFORMATION

Chemical description:	Micronized hybrid wax, based on Polypropylene, Polyethylene, Amide and Fischer-Tropsch wax																																
Benefits:	<p>Hybrid waxes offer a variety of 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 and UV resistance - Contains high-melting polypropylene waxes to increase the temperature resistance, UV and chemical resistance - 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 - Contains long-chained hard paraffins (FT waxes) to increase scratch, abrasion and heat resistance 																																
Applications:	<p><u>Liquid coatings</u></p> <ul style="list-style-type: none"> - Very good scratch resistance - Lowers the coefficient of friction (slip) - Improves abrasion resistance and minimizes metal markings - Soft touch and anti-blocking properties <p><u>Printing inks</u></p> <ul style="list-style-type: none"> - Slip and rub resistance, anti-blocking properties <p><u>Powder coatings</u></p> <ul style="list-style-type: none"> - Improves flowability of the powder - Provides slip and scratch resistance 																																
Properties:	<ul style="list-style-type: none"> - Excellent rub resistance after a short drying time 																																
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:	<table border="0"> <tr> <td>Colour:</td> <td colspan="3">White</td> </tr> <tr> <td>Delivery form:</td> <td colspan="3">DEUREX[®] H 9620 M = 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 % < 20 µm</td> <td>ISO 13320</td> </tr> <tr> <td>Typical value:</td> <td></td> <td>50 % ~ 6 µm</td> <td></td> </tr> <tr> <td>Drop point*</td> <td>143 °C</td> <td>153 °C</td> <td>ASTM D 3954</td> </tr> <tr> <td>Penetration:</td> <td></td> <td>3 mm*10⁻¹</td> <td>ASTM D 1321</td> </tr> <tr> <td>Density (23 °C):</td> <td>0.97 g/cm³</td> <td>0.99 g/cm³</td> <td>ISO 1183</td> </tr> </table> <p>* Part of certificate of analysis</p>	Colour:	White			Delivery form:	DEUREX[®] H 9620 M = Micronized powder				Minimum	Maximum	Method	Particle size*:		98 % < 20 µm	ISO 13320	Typical value:		50 % ~ 6 µm		Drop point*	143 °C	153 °C	ASTM D 3954	Penetration:		3 mm*10 ⁻¹	ASTM D 1321	Density (23 °C):	0.97 g/cm ³	0.99 g/cm ³	ISO 1183
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Approvals:	Food contact approvals																																
Alternative products:	See https://www.deurex.com/productsearch/DEUREX-H-9620-M/																																

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