

## DEUREX® H 9125 M

### TECHNICAL INFORMATION

<b>Chemical description:</b>	Micronized hybrid wax, based on Fischer-Tropsch and Polyethylene wax		
<b>Production process:</b>	Homogeneously melted wax hybrid, micronized by DEUREX® air classification		
<b>Benefits:</b>	Hybrid waxes offer a variety of wax properties: <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 Fischer-Tropsch waxes to increase scratch and abrasion resistance</li> <li>- Contains high-melting polyolefin waxes to increase the temperature resistance and hydrophilicity of the surface</li> </ul>		
<b>Applications:</b>	<u>Paints and coatings</u> <ul style="list-style-type: none"> <li>- Liquid coatings, Powder coatings, can coatings, UV coatings</li> </ul> <u>Printing inks</u> <ul style="list-style-type: none"> <li>- Gravure, flexo, offset, radiation curing inks</li> </ul>		
<b>Properties:</b>	<ul style="list-style-type: none"> <li>- Excellent abrasion and scratch resistance</li> <li>- Very good chemical and weather resistance</li> <li>- Improved UV-resistance and anti-blocking properties</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>	Colour:	White	
	Delivery form:	<b>DEUREX® H 9125 M</b> = Micronized powder	
		Minimum	Maximum
	Particle size*:	98 % < 25 µm	
	Typical value:	50 % ~ 7 µm	
	Drop point*	110 °C	120 °C
	Penetration:	2 mm*10 <sup>-1</sup>	
	Density (23 °C):	0.94 g/cm <sup>3</sup>	0.95 g/cm <sup>3</sup>
			LV 5 (DIN ISO 13320)
			LV 12 (DGF M-III 3)
			LV 4 (DIN 51579)
			LV 3 (DIN ISO 1183)
	* Part of certificate of analysis		
<b>Approvals:</b>	EU: Regulation (EU) 10/2011	BRD: BfR recommendation XXV	
	USA: FDA 21 CFR §§ 175.105; 175.250; 175.300; 175.320; 176.170; 176.180; 177.1200; 177.1390		
	(Approvals with regard to limitations and migration values in the final application)		
<b>Alternative delivery forms:</b>	<b>DEUREX® H 91 K</b> – Fine granules		
	<b>DEUREX® H 9108 W</b> – Water-based dispersion, 98 % < 8 µm		
<b>Alternative products:</b>	<b>DEUREX® T 3920 M</b> – Micronized FT wax powder, 98% < 20 µm		
	<b>DEUREX® E 0920 M</b> – Micronized PE wax powder, 98% < 20 µm		

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