

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:	Colour:	White	
	Delivery form:	DEUREX H 9122 M = Micronized powder	
		Minimum	Maximum
	Particle size*:	98 % < 22 µm	
	Typical value:	50 % ~ 8 µm	
	Drop point*	110 °C	120 °C
	Penetration:	2 mm*10 ⁻¹	
	Density (23 °C):	0.94 g/cm ³	0.95 g/cm ³
			Method
			ISO 13320
			ASTM D 3954
			ASTM D 1321
			ISO 1183
	* Part of certificate of analysis		
Approvals:	Food contact approvals		
Alternative products:	See https://www.deurex.com/productsearch/DEUREX-H-9122-M/		

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