

DEUREX® H 9115 M

TECHNICAL INFORMATION

Chemical description:	Micronized hybrid wax, based on Fischer-Tropsch and Polyethylene wax		
Production process:	Homogeneously melted wax hybrid, micronized by DEUREX® air classification		
Benefits:	Hybrid waxes offer a variety of wax properties:		
	<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:	<u>Paints and coatings</u> <ul style="list-style-type: none"> - Liquid coatings, Powder coatings, can coatings, UV coatings <u>Printing inks</u> <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 9115 M = Micronized powder	
		Minimum	Maximum
Particle size*:			
Typical value:			
Drop point*	110 °C	120 °C	LV 12 (DGF M-III 3)
Penetration:		2 mm*10 ⁻¹	LV 4 (DIN 51579)
Density (23 °C):	0.94 g/cm ³	0.95 g/cm ³	LV 3 (DIN ISO 1183)
	* Part of certificate of analysis		
Approvals:	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)		
Alternative products:	DEUREX® T 3915 M – Micronized FT wax powder, 98% < 15 µm DEUREX® E 0915 M – Micronized PE wax powder, 98% < 15 µm		

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