

DEUREX[®] X 5217 M

TECHNICAL INFORMATION

Chemical description:	Bio-based micronized sugar cane wax		
Production process:	Air classification process		
Benefits:	<ul style="list-style-type: none"> - Natural wax from renewable raw materials with a very attractive price-performance ratio - Replacement of previously used fossil wax products in many applications - No seasonal fluctuations in availability (as carnauba or montan wax) - Bio-based wax (DIN EN 16640) - Compostable according to DIN EN 13432 		
Applications:	Suitable for water-based and solvent-based systems		
	<u>Sustainable formulations</u>		
	- BIO plastics, BIO paints and coatings, BIO lubricants, BIO hot melts,		
	<u>Paints and coatings</u>		
	- Matting agent		
	- Increased scratch resistance and grip		
	<u>Printing inks</u>		
	- Excellent abrasion-, scratch- and mar-resistance		
	- Processing aid		
	- Same abrasion resistance ratio whilst using a lower dosage of wax, compared to conventional waxes		
Technical data:	Colour:	Light amber	
	Delivery form:	DEUREX[®] X 5217 M = Micronized powder	
		Minimum	Maximum
	Particle size*:	98 % < 17 µm	
	Typical value:	50 % ~ 8 µm	
	Drop point:	78 °C	82 °C
	Penetration*:	3,0 mm*10 ⁻¹	7,0 mm*10 ⁻¹
	Density (23 °C):	0.80 g/cm ³	0.85 g/cm ³
			Method
			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		
Approvals:	FDA Status/Regulation: GRAS - Generally recognized as safe (USA). INCI (International Nomenclature Cosmetic Ingredients): Saccharum officinarum cera. USA: FDA 21 CFR §§ 174.5, 175.105, 175.300, 175.320, 176.170, 177.1200, 177.1550 (Approvals with regard to limitations and migration values in the final application)		
Alternative delivery forms:	DEUREX[®] X 52 G – Granules DEUREX[®] X 5201 W – Water-based emulsion of sugar cane wax		

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