

DEUREX[®] X 5217 M

TECHNICAL INFORMATION

Chemical description: Micronized Sugar cane wax

Production process: Air classification process

Benefits:

- 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)
- Biodegradable according to DIN EN 13432

Applications: Suitable for water-based and solvent-based systems

Sustainable formulations

- BIO plastics, BIO paints and coatings, BIO lubricants, BIO hot melts, BIO care products

Coatings and powder coatings

- Matting agent
- Increased scratch resistance and grip

Printing inks

- 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 yellow
Delivery form: **DEUREX[®] X 5217 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*:		98 % < 17 µm	LV 5 (DIN ISO 13320)
Typical value:		50 % ~ 8 µm	
Drop point*:	78 °C	82 °C	LV 12 (DGF M-III 3)
Penetration:	1 mm*10 ⁻¹	3 mm*10 ⁻¹	LV 4 (DIN 51579)
Density (23 °C):	0.80 g/cm ³	0.85 g/cm ³	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 52 A – Finest powder, < 150 µm
DEUREX[®] X 5201 W – Water-based emulsion of sugar cane wax

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