DEUREX® X 5217 M

TECHNICAL INFORMATION

Chemical description: Bio-based micronized sugar cane wax

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)
- 100% Bio-based wax (DIN EN 16640)
- Compostable 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,

Paints and 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 amber
Delivery form: **DEUREX® X 5217 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*: Typical value:		98 % < 17 µm 50 % ~ 8 µm	LV 5 (DIN ISO 13320)
Drop point:	78 °C	82 °C	LV 12 (DGF M-III 3)
Penetration*:	3,0 mm*10^{-1}	7,0 mm*10^{-1}	LV 4 (DIN 51579)
Density (23 °C):	0.80 g/cm³	0.85 g/cm³	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

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