

DEUREX® X 52 G

TECHNICAL INFORMATION

Chemical description: Bio-based sugar cane wax

Natural wax from renewable raw materials with a very attractive price-performance ratio Benefits:

Replacement of previously used fossil wax products in many applications

No seasonal fluctuations in availability (as carnauba or montana)

100% Bio based wax (DIN EN 16640) Properties:

Compostable according to DIN EN 13432

Dust free

Application: Raw material for production of emulsions for paints and coatings

Matting agent

Grip

Increased scratch resistance

PVC

Internal and external lubricant for BIO-PVC

Masterbatch

Dispersing agents for Bio-Plastics (z.B. PHA und PLA)

Printing inks

Improved scratch resistance

Fertilizer industry

Coating of fertilizers, natural retarding agent

Anti-caking agent

BIO Hot melts

Adjustment of open time

Improved adhesion, no stringing

Technical data: Colour: Amber

Delivery forms: **DEUREX® X 52 G** = Granules

	Minimum	Maximum	Method
Drop point*:	78 °C	82 °C	LV 12 (DGF M-III 3)
Acid value:	20 mg/KOH/g	30 mg/KOH/g	DIN EN ISO 2114
Viscosity (140 °C):		40 mPas	LV 2 (DIN EN ISO3104)
Penetration:	3.0 mm*10 ⁻¹	7.0 mm*10 ⁻¹	LV 4 (DIN 51579)
Density (23 °C):	0.80 g/cm ³	0.85 g/cm³	LV 3 (DIN EN ISO 1183)

* Part of certificate of analysis Sugar cane waxes are natural products. Physical properties are subject to slight variations.

FDA Status/Regulation: GRAS - Generally recognized as safe (USA). Approvals:

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 5217 M - Micronized powder, 98% < 17 μm

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