DEUREX®
THE WAX COMPANY

DEUREX® X 52 G

TECHNICAL INFORMATION

Chemical description: Bio-based 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 montana)

Properties:
- Bio based wax (DIN EN 16640)
- Compostable according to DIN EN 13432

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/cm³	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.

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 5217 M – Micronized powder, 98% < 17 µm
DEUREX® X 5201 W – Water-based emulsion of sugar cane wax, 98% < 1 µm

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