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:
- 100% Bio based wax (DIN EN 16640)
- 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*:	72 °C	82 °C	ASTM D 3954
Acid value:	20 mg/KOH/g	30 mg KOH/g	ASTM D 1386
Viscosity (140 °C):		60 mPas	ISO 3219
Penetration:	3.0 mm*10^{-1}	10.0 mm*10^{-1}	ASTM D 1321
Density (23 °C):	0.80 g/cm³	0.85 g/cm³	ISO 1183

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

Alternative products: See **https://www.deurex.com/productsearch/DEUREX-X-52-G/**

This data sheet is based on our current knowledge and experience. In view of the individual factors that may affect processing and application, this data does not relieve users from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties. Existing industrial/commercial protective laws have to be considered by the recipient. Updated versions of the data sheet replace all formerly existing versions.

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