

DEUREX® H 82

TECHNICAL INFORMATION

Chemical description:

Hybrid wax made of sugar cane wax and polyethylene wax

Benefits:

- High crystalline, millable wax with high surface hardness
- Homogenized

Application:

- Raw material for bio based products
- Natural product, ideal for sustainable formulations

Plastics and PVC:

- Internal lubricant

Coatings and powder coatings

- Matting agent
- Grip
- Increased scratch resistance and slip

Hotmelts

- Adjustment of viscosity
- Commercial FT waxes can be partly replaced in nontransparent applications

Printing inks

- Improved scratch resistance
- Increased colour output
- Increased UV resistance

Technical Data:



Colour: Brown
Consistencies: **DEUREX H 82 G** = Granules

	Minimum	Maximum	Method
Drop point*:	90 °C	110 °C	LV 12 (DGF M-III 3)
Acid value*:	10 mg KOH/g	20 mg KOH/g	DIN EN ISO 2114
Viscosity (140 °C):		30 mPas	LV 2 (DIN EN ISO3104)
Penetration:	2.0 mm*10 ⁻¹	4.0 mm*10 ⁻¹	LV 4 (DIN 51579)
Density (23 °C):	0.90 g/cm³	0.93 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:

DEUREX® H 82 is approved for use in the production of consumer goods used for food contact.

EU: Regulation (EU) 10/2011 dated 14. January 2011

USA: FDA 21 CFR §§ 177.1520 (c), 175.105, 175.300, 176.170, 176.180, 177.1200, 177.1210, 177.2600, 177.2800, 178.3570, 178.3850

(Approvals with regard to limitations and migration values in the final application)

Safety:

The product is no dangerous preparation according to Directive 1999/45/EC. It is not subject to labelling according to EC Directive 67/548/EEC and Regulation (EC) 1272/2008.

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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