

DEUREX[®] H 81

TECHNICAL INFORMATION

- Chemical description:** Hybrid wax made of sugar cane wax and polyethylene waxes
- Benefit:**
- High acid number
 - Homogenized
 - Emulsifiable in water
- Applications:**
- Raw material for bio based products
- Natural product, ideal for sustainable formulations
- Plastics and PVC:
- Internal and external lubricant
- Care products:
- Silky gloss after polishing
 - Water repellency
- Production of water based emulsions
- Emulsifiable under pressure using only a small dosage of emulsifier
- Coatings and powder coatings
- Matting agent
 - Grip
 - Increased slip, scratch and UV resistance
- Paper, wood and textiles
- Improved slip
 - Water repellency
 - Improved sewing properties
- Printing inks
- Increased colour output

Technical Data:

Colour: Brown
 Consistencies: **DEUREX H 81 P** = Powder
DEUREX H 81 G = Granules

	Minimum	Maximum	Method
Drop point*:	80 °C	100 °C	LV 12 (DGF M-III 3)
Acid value*:	18 mg KOH/g	25 mg KOH/g	DIN EN ISO 2114
Viscosity (140 °C):		30 mPas	LV 2 (DIN EN ISO3104)
Penetration:	4 mm*10 ⁻¹	8 mm*10 ⁻¹	LV 4 (DIN 51579)
Density (23 °C):	0.90 g/cm ³	0.93 g/cm ³	LV 3 (DIN EN ISO 1183)

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

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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Approvals:

DEUREX® H 81 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.

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