DEUREX® H 81 G

TECHNICAL INFORMATION

Chemical description: Bio-based hybrid wax based on Sugar Cane wax and Polyethylene wax

Production process: Homogeneously melted wax hybrid

Benefits:

Hybrid waxes offer a variety of wax properties:
- Contains renewable sugar cane waxes of the type DEUREX® X 52
- Contains short-chained polyethylene wax to optimize adhesion and flexibility on the surface of your end product as well as UV resistance
- Contains high-melting polyolefin waxes to increase the temperature resistance and hydrophilicity of the surface

Applications:

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

Care products:
- Silky gloss after polishing
- Water repellency

Production of water based emulsions
- Emulsifiable under pressure using only a small dosage of emulsifier

Paper, wood and textiles
- Improved slip
- Water repellency
- Improved sewing properties

Technical Data:

Colour: Amber
Delivery forms: **DEUREX H 81 G** = Granules

	Minimum	Maximum	Method
Drop point*:	90 °C	110 °C	ASTM D 3954
Acid value*:	15 mg KOH/g	25 mg KOH/g	ASTM D 1386
Viscosity (140 °C)*:		50 mPas	ISO 3219
Penetration:	4 mm*10^{-1}	8 mm*10^{-1}	ASTM D 1321
Density (23 °C):	0.90 g/cm³	0.93 g/cm³	ISO 1183

* Part of certificate of analysis

Alternative products: See **https://www.deurex.com/productsearch/DEUREX-H-81-G/**

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