

DEUREX® H 85 G

TECHNICAL INFORMATION

- Chemical description:** Hybrid wax based on Sugar Cane wax and oxidized Hydrocarbon wax
- Production process:** Homogeneously melted wax hybrid
- Benefits:**
- Hybrid waxes offer a variety of wax properties:
 - Contains renewable and compostable waxes
 - Contains long-chained Hydrocarbon waxes to increase scratch, abrasion and heat resistance
 - Biodegradable according OECD 301B
- Applications:**
- Raw material for bio based products
- Partially 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 form: **DEUREX H 85 G** = Granules

	Minimum	Maximum	Method
Drop point:	80 °C	90 °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 mm*10 ⁻¹	7 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

Alternative delivery form: **DEUREX® H 8108 W** – Water-based emulsion, 98% < 1 µm

Alternative products: **DEUREX® H 81G** – Hybrid wax based on Sugar Cane wax and Polyethylene wax
DEUREX® X 52 G – Sugar Cane wax granules