DEUREX® H 73 G

TECHNICAL INFORMATION

Chemical description: Bio-based hybrid wax based on Carnauba wax and Hydrophilic Hard Paraffins

Production process: Homogeneously melted wax hybrid

Benefits:

Hybrid waxes offer a variety of wax properties:

- Contains carnauba wax type 3
- Contains long-chained hard paraffins
- Contains long-chained hard paraffins (FT waxes) to increase scratch, abrasion and heat resistance
- Improved weather resistance (H_2O, UV, ozone, coldness)

Applications:

Raw material for bio based products

- Partly natural product, ideal for sustainable formulations

Care products & Polishes

- Car, floor, furniture polishes
- 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: Yellow
Delivery form: **DEUREX® H 73 G** = Granules

	Minimum	Maximum	Method
Drop point*:	95 °C	105 °C	LV 12 (DGF M-III 3)
Acid value*:		7 mg KOH/g	DIN EN ISO 2114
Viscosity (140 °C):		40 mPas	LV 2 (DIN EN ISO3104)
Penetration:		5 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

Alternative delivery forms:

DEUREX® H 7320 M – Micronized powder, 98% < 20 µm
DEUREX® H 7308 W – Water-based dispersion, 98% < 8 µm
DEUREX® X 5501 W – Water-based emulsion, 98% < 1 µm

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