

DEUREX® H 7320 M

TECHNICAL INFORMATION

- Chemical description:** Bio-based hybrid wax based on Carnauba wax and hydrophilic hard paraffins
- Production process:** Homogeneously melted wax hybrid, micronized by DEUREX® air classification
- Benefits:** Hybrid waxes offer a variety of wax properties:
- Contains carnauba wax type 3
 - Contains long-chained hard paraffins (FT waxes) to increase scratch, abrasion and heat resistance
- Applications:**
- Can and coil coatings
 - Food colourings and printing inks that come into direct contact with food
 - Coatings, varnishes and coating materials that come into direct contact with food
- Properties:**
- Increased abrasion resistance
 - Improved slip
 - High gloss
 - Free-flowing powder, very easy to dose and to mix in
 - With 98% < 20 µm significantly finer than conventional waxes
 - Improved weather resistance (H₂O, UV, ozone, coldness)

Technical data: Colour: Yellow
Delivery form: **DEUREX® H 7320 M** = Micronized powder

	Minimum	Maximum	Method
Particle size *:		98% < 20 µm	LV 5 (DIN ISO 13320)
Typical particle size:		50% ~ 6 µm	
Drop point *:	95°C	105°C	LV 12 (DGF M-III 3)
Penetration:		5 mm*10 ⁻¹	LV 4 (DIN 51579)
Acid value:		7 mgKOH/g	DIN EN ISO 2114

* Part of certificate of analysis

Alternative delivery forms: **DEUREX® H 73 G** – Granules
DEUREX® H 7308 W – Water-based dispersion, 98% < 8 µm

Alternative product: **DEUREX® X 5520 M** – Carnauba based wax, micronized, 98% < 20 µm