

## DEUREX® H 7320 M

### TECHNICAL INFORMATION

- Chemical description:** 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 with the approval of E 905
  - 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 (H<sub>2</sub>O, 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 *:	85°C	95°C	LV 12 (DGF M-III 3)
Penetration:		5 mm*10 <sup>-1</sup>	LV 4 (DIN 51579)
Acid value:	2 mgKOH/g	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

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