

## DEUREX® X 5520 M

### TECHNICAL INFORMATION

- Chemical description:** Carnauba-bio-based and micronized wax additive
- Production process:** Air classification process
- Benefits:**
- Free-flowing powder can be stirred in directly
  - No need for the expensive manufacturing of wax dispersions or the purchase of expensive dispersions
  - A raw material for water-based, oil-based and solvent-based (i.e. butyl glycol, isopropanol, naphtha, ethanol) systems
- Applications:**
- Can and coil coatings
  - Coatings, varnishes and coating materials
  - Printing inks
- 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: Light yellow  
Delivery forms: **DEUREX® X 5520 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*:		98 % < 20 µm	LV 5 (DIN ISO 13320)
Typical particle size:		50 % ~ 8 µm	
Drop Point*:	96 °C	103 °C	LV 12 (DGF M-III 3)
Penetration:		2 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 form:** **DEUREX® X 55 G** – Granules  
**DEUREX® X 5505 W** – Water-based dispersion, 98% < 5 µm  
**DEUREX® S 5519 M** – Carnauba-bio-based wax, coated with silica, 98% < 19 µm