

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 slipHigh 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: Light yellow

Delivery forms: DEUREX® X 5520 M = Micronized powder

	Minimum	waximum	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 ⁻¹	LV 4
			(DIN 51579)
Acid value:	2 mgKOH/g	7 mgKOH/g	DIN EN ISO 2114
	0 0	0 0	

^{*} Part of certificate of analysis

Alternative delivery form: DEUREX® X 55 G – Granules

 $\textbf{DEUREX}^{\text{\tiny{\$}}}$ X 5505 W - Water-based dispersion, 98% < 5 μm

DEUREX® S 5519 M – Carnauba-bio-based wax, coated with silica, 98% < 19 μm

This data sheet is based on our current knowledge and experience. In view of the individual factors that may affect processing and application, this data does not relieve users from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties. Existing industrial/commercial protective laws have to be considered by the recipient. Updated versions of the data sheet replace all formerly existing versions.

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