

DEUREX® T 4911 M

TECHNICAL INFORMATION

Chemical description: Micronized Fischer-Tropsch wax

Production process: Air classification process

Applications: Paints and coatings

- Can coatings, industrial and wood coatings

Printing inks

- Gravure, flexo and overprinting inks

Properties: - High melting point

Excellent abrasion and scratch resistance
 Very good chemical and weather resistance

- Improved UV resistance

Benefits: - Guaranteed maximum particle size and constant and narrow

particle size distribution

Easily dispersible without lump or coagulate formation

- Increased colour output in masterbatch application whilst decrease

amount of wax

Technical data: Colour: White

Delivery form: **DEUREX® T 4911 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*:		98 % < 11 µm	LV 5 (DIN ISO 13320)
Typical value:		50 % ~ 5 µm	
Drop point*:	112°C	120 °C	LV 12
			(DGF M-III 3)
Penetration:		1 mm*10 ⁻¹	LV 4
			(DIN 51579)
Density (23 °C):	0.94 g/cm ³	0.95 g/cm ³	LV 3
			(DIN ISO 1183)

^{*} Part of certificate of analysis

Approvals: DEUREX® T 4911 M is approved for the production of commodities intended to

come into contact with food.

EU: Regulation (EU) 10/2011 dated 14th January 2011 – Ref.-No.: 80000

BRD: BfR recommendation XXV

USA: FDA 21 CFR §§ 175.105; 175.250; 175.300; 175.320; 176.170; 176.180;

177.1200; 177.1390

(Approvals with regard to limitations and migration values in the final application)

Alternative delivery forms: DEUREX® T 49 G – Granules

DEUREX® T 49 K – Fine granules

DEUREX® T 4915 M – Micronized powder, 98% < 15 µm

DEUREX® TO 8120 M – Hydrophilic oxidized FT-wax, 98% < 20 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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