

## **DEUREX® T 4915 M**

**TECHNICAL INFORMATION** 

Chemical description: Micronized Fischer-Tropsch wax

Applications: Paints and coatings

- Powder coatings, can coatings, industrial and wood coatings

Printing inks

- Gravure, flexo and overprinting inks

Masterbatch

- For pigments that are particularly difficult to disperse

**Properties**: - High melting point

Excellent abrasion and scratch resistance
 Very good chemical and weather resistance

- Improved UV resistance

Benefits: - 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 4915 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*:		98 % < 15 µm	LV 5 (DIN ISO 13320)
Typical value:		50 % ~ 6 µm	
Drop point*:	112 °C	120 °C	LV 12
			(DGF M-III 3)
Penetration:		1 mm*10 <sup>-1</sup>	LV 4
			(DIN 51579)
Density (23 °C):	0.94 g/cm <sup>3</sup>	0.95 g/cm <sup>3</sup>	LV 3
	_	-	(DIN ISO 1183)

<sup>\*</sup> Part of certificate of analysis

Approvals: DEUREX® T 4915 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 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 K – Fine granules

**DEUREX® T 4911 M** – Micronized FT-wax, 98% < 11 µm **DEUREX® T 4920 M** – Micronized FT-wax, 98% < 20 µm

Alternative products: DEUREX® T 3915 M – Micronized FT-wax, 98% < 15 μm

**BIOMER® 110 M** – Micronized biodegradable wax, 50% < 10 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.

③ - registered trademark by DEUREX

Revision: