

DEUREX® T 4911 M

TECHNICAL INFORMATION

- Chemical description:** Micronized Fischer-Tropsch wax
- Applications:**
- Paints and 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 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

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 4915 M – Micronized powder, 98% < 15 µm
DEUREX® T 4920 M – Micronized powder, 98% < 20 µm

Alternative products: **DEUREX® T 3915 M** – Micronized FT-wax, 98% < 15 µm
BIOMER® 110 M – Micronized biodegradable wax, 50% < 10 µm