

## DEUREX® T 4920 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:**
- Narrow and constant 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 4920 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*:		98 % < 20 µm	LV 5 (DIN ISO 13320)
Typical value:		50 % ~ 8 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)

\* Part of certificate of analysis

**Approvals:** DEUREX® T 4920 M is approved for the production of commodities intended to come into contact with food.  
EU: Regulation (EU) 10/2011  
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 4915 M** – Micronized FT-wax, 98% < 15 µm

**Alternative products:** **DEUREX® T 3920 M** – Micronized FT-wax, 98% < 20 µm  
**BIOMER® 110 M** – Micronized biodegradable wax, 50% < 10 µm