

## DEUREX TO 8120 M

### TECHNICAL INFORMATION

- Chemical description:** Micronized oxidized Fischer-Tropsch-wax
- Applications:** Water-based paints and coatings  
Water-based printing inks
- Properties:**
- Very hard and hydrophilic
  - Improved slip and antiblocking
  - Hydrophilic character, easy to disperse with low amount of emulsifiers in water-based system
  - Excellent wear, abrasion and scratch resistance
- Benefits:**
- Reduction of emulsifier dose thanks to hydrophilic character
  - Guaranteed maximum particle size and constant and narrow particle size distribution
  - Easily dispersible without lump or coagulate formation

**Technical data:**

Colour: Off-white  
Delivery form: **DEUREX TO 8120 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*:		98 % < 20 µm	ISO 13320
Typical value:		50 % ~ 8 µm	
Drop point*	104 °C	114 °C	ASTM D 3954
Acid value:	5 mgKOH/g	10 mgKOH/g	ASTM D 1386
Penetration:		1,0 mm*10 <sup>-1</sup>	ASTM D 1321
Density (23 °C):	0.94 g/cm <sup>3</sup>	0.95 g/cm <sup>3</sup>	ISO 1183

\* Part of certificate of analysis

**Alternative products:**

<https://www.deurex.com/productsearch/DEUREX-TO-8120-M/>