

DEUREX® TO 8120 M

TECHNICAL INFORMATION

- Chemical description:** Micro-sized oxidized Fischer-Tropsch wax
- Production process:** Air classification process
- 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** = Micro-sized powder

	Minimum	Maximum	Method
Particle size*: Typical value:		98 % < 20 µm 50 % ~ 8 µm	LV 5 (DIN ISO 13320)
Drop point*	105 °C	115 °C	LV 12 (DGF M-III 3)
Acid value:	5 mgKOH/g	10 mgKOH/g	DIN EN ISO 2114
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

Alternative delivery forms: **DEUREX® TO 81 G** – Granules
DEUREX® T 3920 M – Micro-sized hydrophobic FT-wax, 98% < 20 µm
DEUREX® T 3908 W – Water-based hydrophobic FT-wax dispersion

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