

DEUREX® T 3920 M

TECHNICAL INFORMATION

Chemical description:	Micronized modified Fischer-Tropsch wax		
Applications:	<u>Paints and coatings</u> - Powder coatings, can coatings, industrial and wood coatings <u>Printing inks</u> - Gravure, flexo and overprinting inks <u>Masterbatch</u>		
Properties:	- Very hard wax - Excellent abrasion and scratch resistance - Very good chemical and weather resistance - Improved UV-resistance and anti-blocking properties		
Benefits:	- Guaranteed maximum particle size and constant and narrow particle size distribution - Easily dispersible without lump or coagulate formation - Easy to disperse without heating - Avoid high temperatures over 50°C		
Technical data:	Colour:	White	
	Delivery form:	DEUREX® T 3920 M = Micronized powder	
		Minimum	Maximum
	Particle size*:		98 % < 20 µm
	Typical value:		50 % ~ 8 µm
	Drop point*	110 °C	120 °C
	Penetration:		2 mm*10 ⁻¹
	Density (23 °C):	0.94 g/cm ³	0.95 g/cm ³
			Method
			LV 5 (DIN ISO 13320)
			LV 12 (DGF M-III 3)
			LV 4 (DIN 51579)
			LV 3 (DIN ISO 1183)
	* Part of certificate of analysis		
Approvals:	EU: Regulation (EU) 10/2011 dated 14th January 2011 – Ref.-No.: 80000 BRD: BfR recommendation XXV 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 39 K – Fine granules DEUREX® T 39 A – Finest powder, 98% < 150 µm DEUREX® T 3915 M – Micronized powder, 98% < 15 µm DEUREX® T 3908 W – Water-based dispersion, 98% < 8 µm DEUREX® T 3912 O – Oil-based dispersion, 98% < 12 µm DEUREX® TO 8120 M – Hydrophilic oxidized FT-wax, 98% < 20 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.

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