

DEUREX® T 4915 M

TECHNICAL INFORMATION

Chemical description:	Micronized Fischer-Tropsch wax		
Production process:	Air classification process		
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:	- High melting point - Excellent abrasion and scratch resistance - Very good chemical and weather resistance - Improved UV resistance		
Benefits:	- Guaranteed maximum particle size and 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 4915 M = Micronized powder	
		Minimum	Maximum
	Particle size*:		98 % < 15 µm
	Typical value:		50 % ~ 6 µm
	Drop point*:	112 °C	120 °C
	Penetration:		1 mm*10 ⁻¹
	Density (23 °C):	0.94 g/cm ³	0.95 g/cm ³
			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:	DEUREX® T 4915 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 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 49 G – Granules DEUREX® T 49 K – Fine granules DEUREX® T 4911 M – Micronized FT-wax, 98% < 11 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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