

DEUREX® F 6414 M

TECHNICAL INFORMATION

- Chemical description:** Micronized polyolefin wax, eco coated with micronized PTFE
- Benefits:**
- PTFE coated polyolefin wax, wax features dominate
- Applications:**
- Paints and coatings
- Powder coatings, can coatings, furniture and parquet coatings
 - Automotive and industrial coatings
 - Decorative paints
- Printing inks
- Especially for sheetfed offset inks as well as flexo and gravure inks
- Properties:**
- Very hard wax
 - Good abrasion and scratch resistance
 - Minimized slightly dusting behaviour, free-flowing powder
 - Easy to disperse without heating
 - Avoid high temperatures over 50°C

Technical Data: Colour: White
Delivery form: **DEUREX® F 6414 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*:		98 % < 14 µm	LV 5 (DIN ISO 13320)
Typical value:		50 % ~ 6 µm	
Drop point (wax)*:	110 °C	120 °C	LV 12 (DGF M-III 3)
Density (23 °C) (wax):	0.94 g/cm³	0.95 g/cm³	LV 3 (DIN ISO 1183)
Melting point (PTFE)*:	320 °C	340 °C	LV 5 (ASTM D4591)
Density (23 °C) (PTFE):	2.15 g/cm³	2.25 g/cm³	LV 3 (DIN EN ISO 1183)

* Part of certificate of analysis

Approvals: DEUREX® F 6414 M is approved for the production of commodities intended to come into contact with food.
EU: Regulation (EU) 10/2011 dated 14th January 2011
USA: FDA 21 CFR §§ 175.105; 175.300; 176.170; 176.180
(Approvals with regard to limitations and migration values in the final application)

Alternative delivery form:

- DEUREX® F 6008 M** – Micronized powder (100% PTFE)
- DEUREX® F 6114 M** – Double coated, wax is completely embedded in PTFE
- DEUREX® F 6214 M** – Fully coated, wax completely coated with PTFE
- DEUREX® F 6314 M** – Spot coated, stoichiometrically calculated amount of PTFE
- DEUREX® F 6001 W** – Water-based dispersion of a micronized PTFE

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