

## DEUREX® F 6314 M

### TECHNICAL INFORMATION

- Chemical description:** Micronized polyolefin wax, spot coated with micronized PTFE
- Benefits:**
- Wax surface coated with stoichiometrically calculated amount of PTFE
  - Product migrates to the surface of aqueous and solvent-based systems
- 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
  - Very good abrasion and scratch resistance
  - Easy to disperse without heating
  - Avoid high temperatures over 50°C

**Technical data:**

Colour: White  
Delivery form: **DEUREX® F 6314 M** = Micronized powder

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

\* Part of certificate of analysis

- Approvals:**
- DEUREX® F 6314 M is approved for the production of commodities intended to come into contact with food.
- EU: Regulation (EU) 10/2011 dated 14th January 2011
- BRD: BfR recommendation XXV
- 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 forms:**

- 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 is completely coated with PTFE  
**DEUREX® F 6414 M** – Eco coated, wax with a standard does of PTFE  
**DEUREX® F 6001 W** – Water-based dispersion of a micronized PTFE