

DEUREX® F 6314 M

TECHNICAL INFORMATION

- Chemical description:** Micro-sized polyolefin wax, spot coated with micro-sized 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 good abrasion and scratch resistance
- Technical data:**
- Colour: White
Delivery form: **DEUREX® F 6314 M** = Micro-sized powder

	Minimum	Maximum	Method
Particle size*:		98% < 14 µm	LV 5 (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 EN 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 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** – Micro-sized 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 micro-sized PTFE

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.
® - registered trademark by DEUREX