

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 heatingAvoid high temperatures over 50°C

Technial 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(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 – 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

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