

## DEUREX® F 6114 M

### TECHNICAL INFORMATION

**Chemical description:** Micro-sized polyolefin wax, double coated with micro-sized PTFE

**Benefits:**

- PTFE features dominate
- Product can also completely replace PTFE

**Applications:**

Paints and coatings

- Can coatings, furniture and parquet coatings
- Automotive and industrial coatings, decorative paints

Printing inks

- Especially for sheetfed offset- as well as flexo- and gravure inks

**Properties:**

- Excellent abrasion and scratch resistance

**Technical data:**

Colour: White  
Delivery forms: **DEUREX® F 6114 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/cm <sup>3</sup>	0.95 g/cm <sup>3</sup>	LV 3 (DIN EN ISO 1183)
Melting point (PTFE)*:	320 °C	340 °C	LV 5 (ASTM D4591)
Density (23 °C) (PTFE):	2.15 g/cm <sup>3</sup>	2.25 g/cm <sup>3</sup>	LV 3 (DIN EN ISO 1183)

\*Part of certificate of analysis

**Approvals:** DEUREX® F 6114 M is approved for the production of commodities intended to come into contact with food.

EU: Regulation (EU) 10/2011 dated 14th Januar 2011  
(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 6214 M** – Fully coated, wax is completely coated with PTFE  
**DEUREX® F 6314 M** – Spot coated, stoichiometrically calculated amount of PTFE  
**DEUREX® F 6414 M** – Eco coated, wax with a standard dose of PTFE  
**DEUREX® F 6001 W** – Water-based dispersion of a micro-sized PTFE