

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 vlaue:		50 % ~ 6 µm	
Drop point (wax)*:	110 °C	120 °C	LV 12 (DGF M-III 3)
Density (23 °C) (wax):	0.94 g/cm ³	0.95 g/cm ³	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 ³	2.25 g/cm ³	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

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 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