

DEUREX® F 6214 M

TECHNICAL INFORMATION

- Chemical description:** Micro-sized polyolefin wax, fully coated with micro-sized PTFE
- Benefits:**
- Product floates in water-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 for flexo and gravure inks
- Properties:**
- Excellent abrasion and scratch resistance
 - Slightly dusting behaviour, free-flowing powder

Technical data: Colour: White
Delivery form: **DEUREX® F 6214 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 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 6214 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 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

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.
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