

DEUREX® F 61 A

TECHNICAL INFORMATION

- Chemical description:** Fine powder, polyolefin wax, double coated with micro-sized PTFE
- Benefits:**
- PTFE and polyolefin wax are completely embedded, like in a "wax cloud"
 - PTFE features dominate
 - The product can also be fully used as a PTFE replacement

- Applications:**
- Paints and coatings
- Powder-, can-, coil-, auto-, industrial-, furniture and parquet coatings
- Printing inks
- Especially for sheetfed offset inks, flexo- and gravure inks

- Properties:**
- Excellent abrasion resistance
 - Excellent scratch resistance
 - Minimized slightly dusting behaviour, free-flowing powder

Technical data:

Colour: White
Delivery form: **DEUREX® F 61 A** = Finest powder, < 150 µm

	Minimum	Maximum	Method
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)
Shelf life:	24 month (In closed, original containers in compliance with storage conditions)		

* Part of certificate of analysis

- Approvals:**
- DEUREX® F 61 is approved for use in the production of consumer good used for food contact.
- EU: Regulation (EU) 10/2011 dated 14. January 2011
USA: FDA 21 CFR §§ 175.105; 175.300; 176.170; 176.180
Approvals with regard to limitations and migration values in the end use application

- Alternative delivery forms:**
- DEUREX® F 6008 M** – Micro-sized powder with 100% PTFE
DEUREX® F 62 A – Fully coated, wax completely coated with PTFE
DEUREX® F 63 A – Spot coated, stoichiometrically calculated amount of PTFE
DEUREX® F 64 A – 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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