

DEUREX[®] F 61 A

TECHNICAL INFORMATION

- Chemical description:** Fine powder, polyolefin , coated with micronized PTFE
- Application:**
- Paints and coatings
- powder-, can-, coil-, auto-, industrial-, furniture and parquet coatings
- Printing inks
- Especially sheetfed inks, flexo- and gravure inks
- Properties:**
- Excellent abrasion resistance
 - Excellent scratch resistance
 - Minimized dust properties, free flowing powder
- Benefits:**
- The PTFE content is stoichiometrically calculated so that the wax particles are completely coated.
 - Cost savings and quality improvements
 - AIR CLASSIFICATION PROCESS with particle size < 150 µm (DEUREX F 61 A)

Technical Data:

Colour: White
 Consistencies: **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/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)
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

- Safety:**
- The product is no dangerous preparation according to Directive 1999/45/EC. It is not subject to labelling according to EC Directive 67/548/EEC and Regulation (EC) 1272/2008.

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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