

## DEUREX® F 64 A

### TECHNICAL INFORMATION

- Chemical description:** Fine powder lubricant pack based on PE coated with PTFE
- Applications:** PVC and other plastics
- Can be used in all U-PVC and P-PVC applications but also in C-PVC
- Properties:**
- External wax combination, highly effective which
  - Decreases torque, pressure and melt temperature
  - Improves gloss
  - Synergistic effect in combination with oxidised PE by reduction of melt viscosity
  - Delays and avoids the formation of unwished deposits (plate out) on extruder screw, in adaptor and in tooling
  - Useful for high speed cable extrusion
- Typical dosages:** Depending on the rheological requirements:
- 0.2 to 0.5 phr for PVC
  - 0.2 to 1.0 phr for C-PVC

**Technical data:** Colour: White  
Delivery form: **DEUREX® F 64 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 64 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 60 Micro-Series** – Micronized powder with 100% PTFE
- DEUREX® F 61 A** – Double coated, PTFE and wax are completely embedded
- DEUREX® F 62 A** – Fully coated, wax completely coated with PTFE
- DEUREX® F 63 A** – Spot coated, stoichiometrically calculated amount of PTFE
- DEUREX® F 6001 W** – Water-based dispersion of a micronized 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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