

## DEUREX® F 61 TEX

### TECHNICAL INFORMATION

- Chemical description:** Structurant PTFE, embedded in polymers (Double coated)
- 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
  - Uniform texture at low dosages
  - Admixture 0.2% – 1.5%, depending on desired final properties
  - Easy to disperse in powder coatings
- Applications:** Powder coatings
- Texturing agent for hybrid systems (Polyester, Polyurethane)
- Properties:**
- Allows a wide selection of controlled textures
  - High abrasion resistance
  - High scratch resistance
  - Uniform surface feel
  - Increased lubricity by reducing of the friction coefficient
  - Improved temperature and solvent resistance
  - Recoatable without affecting the texture

**Technical data:**

Colour: White  
Delivery form: **DEUREX® F 61 TEX** = Powder

	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

**Alternative delivery forms:**

- DEUREX® F 6008 M** – Micro-sized powder with 100% PTFE
- DEUREX® F 62 TEX** – Fully coated, wax completely coated with PTFE
- DEUREX® F 63 TEX** – Spot coated, stoichiometrically calculated amount of PTFE
- DEUREX® F 64 TEX** – Eco-coated, wax with a standard dose of PTFE
- DEUREX® F 6001 W** – Water-based dispersion of a micro-sized PTFE

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