

DEUREX® F 63 TEX

TECHNICAL INFORMATION

- Chemical description:** Structurant PTFE, embedded in polymers (Spot coated)
- Benefits:**
- Wax surface is coated with a stoichiometrically calculated dose of PTFE
 - Product migrates to the surface of aqueous and solvent-based systems
 - 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 63 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/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

Alternative delivery forms:

DEUREX® F 60 Micro-Series – Micronized powder with 100% PTFE
DEUREX® F 62 TEX – Fully coated, wax completely coated with 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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