DEUREX®
THE WAX COMPANY

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
- Unifor 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/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 60 Micro-Series – Micro-sized powder with 100% PTFE
DEUREX® F 61 TEX – Double coated, PTFE and wax are completely embedded
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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