

DEUREX® F 64 P

TECHNICAL INFORMATION

- Chemical description:** Structurant PTFE, embedded in polymers (Eco coated)
- Benefits:**
- PTFE coated polyolefin wax
 - Wax features dominate
 - 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 64 P** = 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 P – Double coated, PTFE and wax are completely embedded
DEUREX® F 62 P – Fully coated, wax completely coated with PTFE
DEUREX® F 63 P – Spot coated, stoichiometrically calculated amount of PTFE
DEUREX® F 6001 W – Water-based dispersion of a micro-sized PTFE

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