# DEUREX® P 3820 M

TECHNICAL INFORMATION

**Chemical description:** Micronized modified polypropylene wax

**Production process:** Air classification process

**Applications:**

Paints and coatings
- Powder coatings
- Architectural, industrial and wood coatings
- Foil coatings

Printing inks

**Properties**:
- Improved surface properties of paints and coatings
- Improves sandability
- Very good abrasion and scratch resistance
- Very good slip control and anti-blocking properties
- Excellent degassing agent
- Reduction of the friction coefficient
- Good matting agent
- Pleasant haptics (soft-feel effect)
- Metal marking resistance
- Minimal settling of silica matting agents

**Benefits**:
- Guaranteed maximum particle size and constant and narrow particle size distribution
- Easily dispersible without lump or coagulate formation

**Technical data:**

Colour: White
Delivery form: **DEUREX® P 3820 M** = Micronized powder

| | Minimum | Maximum | Method |
|---|---|---|---|
| Particle size*:<br>Typical value: | | 98 % < 20 µm<br>50 % ~ 7 µm | ISO 13320 |
| Drop point*: | 145 °C | 155 °C | ASTM D 3954 |
| Penetration: | | 5 mm*10$^{-1}$ | ASTM D 1321 |
| Density (23 °C): | 0.92 g/cm³ | 0.98 g/cm³ | ISO 1183 |

* Part of certificate of analysis

**Approvals:** Food contact approvals

**Alternative products:** See **https://www.deurex.com/productsearch/DEUREX-P-3820-M/**



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