

## DEUREX<sup>®</sup> 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<sup>®</sup> P 3820 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*:		98 % < 20 µm	LV 5 (DIN ISO 13320)
Typical value:		50 % ~ 7 µm	
Drop point (Polymer)*:	145 °C	155 °C	LV 12 (DGF M-III 3)
Penetration:		3 mm*10 <sup>-1</sup>	LV 4 (DIN 51579)
Density (23 °C) (Polymer):	0.92 g/cm <sup>3</sup>	0.98 g/cm <sup>3</sup>	LV 3 (DIN ISO 1183)

\* Part of certificate of analysis

**Approvals:** USA: FDA 21 CFR §§ 175.300  
(Approvals with regard to limitations and migration values in the final application)

**Alternative delivery form:** **DEUREX<sup>®</sup> P 38 G** – Granules  
**DEUREX<sup>®</sup> P 38 A** – Finest powder, < 150 µm  
**DEUREX<sup>®</sup> P 38 A** – Finest powder, < 150 µm  
**DEUREX<sup>®</sup> P 3815 M** – Micronized powder, 98% < 15 µm

**Alternative products:** **DEUREX<sup>®</sup> P 3620 M** – Micronized powder, 98% < 20 µm  
**DEUREX<sup>®</sup> H 9620 M** – Micronized hybrid powder, 98% < 20 µm

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