

## DEUREX® P 3815 M

### TECHNICAL INFORMATION

<b>Chemical description:</b>	Micronized modified polypropylene wax
<b>Production process:</b>	Air classification process
<b>Applications:</b>	<u>Paints and coatings</u> - Architectural, industrial and wood coatings - Foil coatings  <u>Printing inks</u>
<b>Properties:</b>	- 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
<b>Benefits:</b>	- Guaranteed maximum particle size and constant and narrow particle size distribution - Easily dispersible without lump or coagulate formation
<b>Technical data:</b>	Colour: White Delivery form: <b>DEUREX® P 3815 M</b> = Micronized powder

	Minimum	Maximum	Method
Particle size*:		98 % < 15 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® P 38 G** – Granules  
**DEUREX® P 38 A** – Finest powder, < 150 µm  
**DEUREX® P 3808 W** – Water-based dispersion, 98% < 8 µm  
**DEUREX® P 3820 M** – Micronized powder, 98% < 20 µm

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

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