

## DEUREX® P 3820 M

### TECHNICAL INFORMATION

<b>Chemical description:</b>	Micro-sized polypropylene wax		
<b>Production process:</b>	Air classification process		
<b>Applications:</b>	<u>Paints and coatings</u>		
	- Powder coatings, industrial and wood coatings		
<b>Properties:</b>	<ul style="list-style-type: none"> <li>- Improved surface properties of paints and coatings</li> <li>- Improves sandability</li> <li>- Very good abrasion and scratch resistance</li> <li>- Very good slip control and anti-blocking properties</li> <li>- Excellent degassing agent</li> <li>- Reduction of the friction coefficient</li> <li>- Good matting agent</li> <li>- Pleasant haptics (soft-feel effect)</li> </ul>		
<b>Benefits:</b>	<ul style="list-style-type: none"> <li>- Guaranteed maximum particle size and constant and narrow particle size distribution</li> <li>- Easily dispersible without lump or coagulate formation</li> </ul>		
<b>Technical data:</b>	Colour:	White	
	Delivery form:	<b>DEUREX® P 3820 M</b> = Micro-sized powder	
		Minimum	Maximum
	Particle size*:	98 % < 20 µm	
	Typical value:	50 % ~ 7 µm	
	Drop point (Polymer)*:	145 °C	155 °C
	Penetration:		3 mm*10 <sup>-1</sup>
	Density (23 °C) (Polymer):	0.92 g/cm <sup>3</sup>	0.98 g/cm <sup>3</sup>
			LV 3 (DIN ISO 1183)
			LV 4 (DIN 51579)
			LV 12 (DGF M-III 3)
			LV 5 (DIN ISO 13320)

\* 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

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