

## DEUREX® F 6310 M

### TECHNICAL INFORMATION

<b>Chemical description:</b>	Micronized polyolefin wax, spot coated with micronized PTFE		
<b>Benefits:</b>	<ul style="list-style-type: none"> <li>- Extremely fine with an average particle size of 5 µm and a total of 98 % &lt; 10 µm</li> <li>- Wax surface coated with stoichiometrically calculated amount of PTFE</li> <li>- Product migrates to the surface of aqueous and solvent-based systems</li> </ul>		
<b>Applications:</b>	<p><u>Paints and coatings</u></p> <ul style="list-style-type: none"> <li>- Powder coatings, can coatings, furniture and parquet coatings</li> <li>- Automotive and industrial coatings, decorative paints</li> </ul> <p><u>Printing inks</u></p> <ul style="list-style-type: none"> <li>- Especially for sheetfed offset inks as well as flexo and gravure inks</li> </ul>		
<b>Properties:</b>	<ul style="list-style-type: none"> <li>- Very good abrasion and scratch resistance</li> </ul>		
<b>Technical data:</b>	Colour:	White	
	Delivery form:	<b>DEUREX® F 6310 M</b> = Micronized powder	
		Minimum	Maximum
	Particle size*:		98% < 10 µm
	Typical value:		50 % ~ 5 µm
	Drop point <sub>(wax)</sub> *:	110 °C	120 °C
	Density (23 °C) <sub>(wax)</sub> :	0.94 g/cm³	0.95 g/cm³
	Melting point <sub>(PTFE)</sub> *:	320 °C	340 °C
	Density (23 °C) <sub>(PTFE)</sub> :	2.15 g/cm³	2.25 g/cm³
			Method
			LV 5 (ISO 13320)
			LV 12 (DGF M-III 3)
			LV 3 (DIN EN ISO 1183)
			LV 5 (ASTM D4591)
			LV 3 (DIN EN ISO 1183)

\* Part of certificate of analysis

| **Approvals:** | DEUREX® F 6310 M is approved for the production of commodities intended to come into contact with food.  EU: Regulation (EU) 10/2011 dated 14th January 2011  BRD: BfR recommendation XXV  USA: FDA 21 CFR §§ 175.105; 175.300; 176.170; 176.180  *(Approvals with regard to limitations and migration values in the final application)* | | |
| **Alternative delivery forms:** | **DEUREX® F 6008 M** – Micro-sized powder (100% PTFE)  **DEUREX® F 6001 W** – Water-based emulsion of a micronized PTFE  **DEUREX® F 6308 W** – Water-based dispersion of a PTFE coated wax  **DEUREX® F 6312 O** – Oil-based dispersion of a PTFE coated wax | | |

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