

DEUREX® P 3620 M

TECHNICAL INFORMATION

Chemical description:	Micro-sized polypropylene wax		
Production process:	Air classification process		
Applications:	<u>Paints and coatings</u> - Powder coatings, industrial coatings, decorative paints, furniture and parqu coatings <u>Printing inks</u> - gravure inks, overprint varnishes, screen printing inks, flexo printing inks <u>Paper industry</u>		
Properties:	- Lubricant, matting agent - Scratch resistance, improved anti-slip - Improved soft feel effect		
Benefits:	- guaranteed maximum particle size, narrow and even particle size distribution - High temperature resistance, drop point > 150 °C - Improved colour yield due to very fine dispersion - Reduced pigment concentration due to high colour intensity		
Technical data:	Colour: White Delivery form: DEUREX® P 3620 M = Micro-sized powder		
	Minimum	Maximum	Method
Particle size*:		98 % < 20 µm	LV 5 (DIN ISO 13320)
Typical value:		50 % ~ 8 µm	
Drop point*:	150 °C	170 °C	LV 12 (DGF M-III 3)
Penetration:		1 mm*10 ⁻¹	LV 4 (DIN 51579)
Density (23 °C):	0,87 g/cm³	0,89 g/cm³	LV 3 (DIN EN ISO 1183)
*part of certificate of analysis			
Approvals:	DEUREX® P 3620 M is approved for the production of commodities intended to come into contact with food. USA: FDA 21 CFR § 175.300 (Approvals with regard to limitations and migration values in the final application)		
Alternative delivery forms:	DEUREX® P 36 K – Fine granules DEUREX® P 36 A – Finest powder, < 150 µm DEUREX® P 3601 W – Water-based emulsion DEUREX® P 3608 W – Water-based dispersion		

This data sheet is based on our current knowledge and experience. In view of the individual factors that may affect processing and application, this data does not relieve users from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties. Existing industrial/commercial protective laws have to be considered by the recipient. Updated versions of the data sheet replace all formerly existing versions.
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