

DEUREX® P 3620 M

TECHNICAL INFORMATION

Chemical description: Micronized polypropylene wax

Production process: Air classification process

Applications: Paints and coatings

Industrial coatings, decorative paints, furniture and parqu

coatings

Printing inks

Gravure inks, overprint varnishes, screen printing inks, flexo printing inks

Paper industry

Masterbatch

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 tempereature resistance, drop point > 150 °C Improved colour yield due to very fine dispersion

Reduced pigment concentration due to high colour intensity

Technical data: Colour:

DEUREX® P 3620 M = Micronized powder Delivery form:

	Minimum	Maximum	Method
Particle size*: Typical value:		98 % < 20 μm 50 % ~ 8 μm	LV 5 (DIN ISO 13320)
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/cm ³	0,89 g/cm ³	LV 3 (DIN EN 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 forms: **DEUREX® P 36 K** – Fine granules

DEUREX® P 36 TEX – Finest powder, 98% < 150 μ m, Texture effect DEUREX® P 3601 W – Water-based emulsion, 98% < 1 μ m DEUREX® P 3608 W - Water-based dispersion, 98% < 8 µm

DEUREX® P 3820 M – Micronized powder, 98% < 20 μm Alternative products:

DEUREX® H 9620 M – Micronized hybrid powder, 98% < 20 μm

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. ® - registered trademark by DEUREX

Revision: