

DEUREX[®] P 3620 M

TECHNICAL INFORMATION

Chemical description:	Micronized polypropylene wax																												
Applications:	<p><u>Paints and coatings</u></p> <ul style="list-style-type: none"> - Industrial coatings, decorative paints, furniture and parqu coatings <p><u>Printing inks</u></p> <ul style="list-style-type: none"> - Gravure inks, overprint varnishes, screen printing inks, flexo printing inks <p><u>Paper industry</u></p> <p><u>Masterbatch</u></p> <p><u>Powder coatings</u></p>																												
Properties:	<ul style="list-style-type: none"> - Lubricant, matting agent - Scratch resistance, improved anti-slip - Improved soft feel effect - Degassing 																												
Benefits:	<ul style="list-style-type: none"> - 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:	<table border="0"> <tr> <td>Colour:</td> <td>White</td> </tr> <tr> <td>Delivery form:</td> <td>DEUREX[®] P 3620 M = Micronized powder</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Minimum</th> <th>Maximum</th> <th>Method</th> </tr> </thead> <tbody> <tr> <td>Particle size*:</td> <td></td> <td>98 % < 20 µm</td> <td>LV 5 (DIN ISO 13320)</td> </tr> <tr> <td>Typical value:</td> <td></td> <td>50 % ~ 8 µm</td> <td></td> </tr> <tr> <td>Drop point*:</td> <td>150 °C</td> <td>170 °C</td> <td>LV 12 (DGF M-III 3)</td> </tr> <tr> <td>Penetration:</td> <td></td> <td>1 mm*10⁻¹</td> <td>LV 4 (DIN 51579)</td> </tr> <tr> <td>Density (23 °C):</td> <td>0,87 g/cm³</td> <td>0,89 g/cm³</td> <td>LV 3 (DIN EN ISO 1183)</td> </tr> </tbody> </table> <p>*part of certificate of analysis</p>	Colour:	White	Delivery form:	DEUREX[®] P 3620 M = Micronized 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/cm ³	0,89 g/cm ³	LV 3 (DIN EN ISO 1183)
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Approvals:	Commission Regulation (EU) No 10/2011																												
Alternative delivery forms:	<p>DEUREX[®] P 36 K – Fine granules</p> <p>DEUREX[®] P 36 TEX – Finest powder, 98% < 150 µm, Texture effect</p> <p>DEUREX[®] P 3601 W – Water-based emulsion, 98% < 1 µm</p> <p>DEUREX[®] P 3608 W – Water-based dispersion, 98% < 8 µm</p>																												
Alternative products:	<p>DEUREX[®] P 3820 M – Micronized powder, 98% < 20 µm</p> <p>DEUREX[®] H 9620 M – Micronized hybrid powder, 98% < 20 µm</p>																												

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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