

DEUREX[®] X 5217 M

TECHNICAL INFORMATION

Chemical description:

Bio-based micronized sugar cane wax

Benefits:

- Natural wax from renewable raw materials with a very attractive price-performance ratio
- Replacement of previously used fossil wax products in many applications
- No seasonal fluctuations in availability (as carnauba or montan wax)
- 100% Bio-based wax (DIN EN 16640)
- Compostable according to DIN EN 13432

Applications:

Suitable for water-based and solvent-based systems

Sustainable formulations

- BIO plastics, BIO paints and coatings, BIO lubricants, BIO hot melts,

Paints and coatings

- Matting agent
- Increased scratch resistance and grip

Printing inks

- Excellent abrasion-, scratch- and mar-resistance
- Processing aid
- Same abrasion resistance ratio whilst using a lower dosage of wax, compared to conventional waxes

Technical data:

Colour: Light amber
Delivery form: **DEUREX[®] X 5217 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*:		98 % < 17 µm	ISO 13320
Typical value:		50 % ~ 8 µm	
Drop point*:	72 °C	82 °C	ASTM D 3954
Penetration:	3,0 mm*10 ⁻¹	10,0 mm*10 ⁻¹	ASTM D 1321
Density (23 °C):	0.80 g/cm ³	0.85 g/cm ³	ISO 1183

* Part of certificate of analysis

Approvals:

Food contact approvals

Alternative products:

See <https://www.deurex.com/productsearch/DEUREX-X-5217-M/>