

# CERETAN MM 8220

## TECHNICAL INFORMATION

- Chemical description:** Spherical, micronized, partially saponified montan wax (montan wax "OP")
- Application:**
- Paints and coatings** of high quality, such as powder and can coatings, car and industrial paints, furniture and floor coatings as well UV curable systems
- Printing inks** of high quality, such as overprint, screen printing, flexographic, offset and intaglio inks
- Polar **pigment concentrates** (e. g. PA, PC, PET, PVC and PS)
- Properties:**
- In paints and coatings:**
- Excellent matting effect
  - Ideal surface properties
  - Wax density ca. 1.00 g/cm<sup>3</sup> analogue to water and oils, ideal for low surfactant formulations
  - Very good adhesion on uneven, porous, flexible and soft grounds
  - Less hydrophobic than other micronized waxes
  - For hydrophilic systems/pigments
- In Masterbatch:**
- Dispersing agent
  - Lubricant
  - 100 to 400 times smaller particles compared to course powder (e. g. "Montan wax OP powder")
- Advantages:**
- Spherical particle shape made by unique spraying technology
  - Specified maximum particle size (D99 value), narrow and uniform particle size distribution
  - Easy to disperse due to spherical particle shape
- In Masterbatch:**
- Reduced filter pressure → increased capacity
  - Significant increase in colour output → reduction of pigment costs by 10 to 20 %
  - Reduced level of addition of pigments/waxes

Our technical suggestions are based on data from many experiments and cannot represent a warranty of any kind as to their performance in other formulations. Customers must always verify our product's performance in their own systems. This technical data sheet replaces all previous issues.  
EN Revision: February 2017

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**Technical data:**

Colour: white (slightly yellow)

Consistency: fine powder

	Minimum	Maximum	Method
<b>Particle size*</b>			
Specified value:		99% < 20 µm	LV 5
Typical value:		50% < 7 µm	(ISO 13320)
Drop point:	96 °C	104 °C	LV 12 (DGF M-III 3)
Shelf life:	12 months (Stored in sealed original packing below 35 °C)		

*\* part of certificate of analysis*

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