

# CERETAN<sup>®</sup> MV 0330

## TECHNICAL INFORMATION

**Chemical description:** Spherical, micronized functional blend, based on Polyethylene and Ethylene-Vinyl Acetate (EVA)

**Application:** **Paints and coatings**, e.g. wood coatings and industrial paints  
**Masterbatch**, e.g. pigments difficult to disperse, polar pigment concentrates (e.g. for PC, PS, ABS, PET), carbon black

**Properties:**

- More polar, more flexible and less crystalline than polyethylene wax

**In paints and coatings**

- Good matting and high scratch resistance
- Thixotropic and anti-settling agent

**In Masterbatch**

- Lubricant
- Temperature resistance, no discoloration
- 100 to 400 times smaller particles compared to coarse powder

**Advantages:**

- Spherical particle shape made by unique spraying technology
- Specified maximum particle size (D-99 value)
- Narrow and uniform particle size distribution

**In paints and coatings**

- Needs no pre-precipitation in solvents, such as xylene
- Can directly be stirred into the coating system
- Spherical particle shape
- Improves the wetting and dispersion of the pigments

**In Masterbatch applications**

- Reduction of the filter pressure → increase of the capacity
- Improves the wetting and dispersion of the pigments → reduction of the pigment costs by 10 to 20%
- Stable at higher temperatures
- Reduction of wax concentration in the application
- Improves the dispersion of carbon black in polyolefin
- Acid value „0“

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**Technical data:**

Colour: white  
Consistency: fine powder

	Minimum	Maximum	Method
<b>Particle size*</b>			
Specified value:		99% < 30 µm	LV 5
Typical value:		50% < 10 µm	(ISO 13320)
Drop point:	105 °C	113 °C	LV 12 (DGF M-III 3)
Viscosity (140°C):	100 mPas	300 mPas	LV 2 (DIN EN ISO 3104)
Acid value:		0 mg KOH/g	DIN EN ISO 2114
Shelf life:	24 months (Stored in sealed original packing below 35 °C)		

*\* part of certificate of analysis*

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.  
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