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“
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.

---

### CERETAN® MV 0330

#### Technical data:

- **Colour:** white
- **Consistency:** fine powder

<table>
<thead>
<tr>
<th>Property</th>
<th>Minimum</th>
<th>Maximum</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Particle size</strong>&lt;sup&gt;a&lt;/sup&gt;</td>
<td>99% &lt; 30 µm</td>
<td>LV 5 (ISO 13320)</td>
<td></td>
</tr>
<tr>
<td>Specified value:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Typical value:</td>
<td>50% &lt; 10 µm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drop point:</td>
<td>105 °C</td>
<td>113 °C</td>
<td>LV 12 (DGF M-III 3)</td>
</tr>
<tr>
<td>Viscosity (140°C):</td>
<td>100 mPas</td>
<td>300 mPas</td>
<td>LV 2 (DIN EN ISO 3104)</td>
</tr>
<tr>
<td>Acid value:</td>
<td></td>
<td>0 mg KOH/g</td>
<td>DIN EN ISO 2114</td>
</tr>
<tr>
<td><strong>Shelf life:</strong></td>
<td>24 months</td>
<td></td>
<td>(Stored in sealed original packing below 35 °C)</td>
</tr>
</tbody>
</table>

<sup>a</sup> part of certificate of analysis

---

EN Revision: March 2018

MÜNZING Micro Technologies GmbH
Dr.-Bergius-Straße 16 - 24
D-06729 Elsteraue

Tel: +49(0)3441/82910-22
Fax: +49(0)3441/82910-20
ceretan@munzing.com
www.munzing.com