**DESCRIPTION**

ACEMATT® OK 412 is a wax-treated, medium particle sized precipitated silica. By offering very high compatibility, it can be used in a large variety of coatings.

**KEY BENEFITS**

- very low viscosity impact
- high surface smoothness
- all purpose silica

**EFFECT**

Matting efficiency

Transparency

Viscosity

Smoothness/Haptic

Sedimentation behavior

**SU宜ABILITY**

- waterborne
- solventborne
- radiation-curing
- 2-pack coatings
- high solids
- pigmented coatings
- clear coatings

- not suitable
- partly suitable
- suitable

**TYPICAL APPLICATIONS**

- General industrial coatings
- Wood coatings
- Plastic coatings
- Car OEM coatings

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>carbon content</td>
<td>5.5 %</td>
</tr>
<tr>
<td>DOA absorption</td>
<td>240 ml/100g</td>
</tr>
<tr>
<td>Grindometer value</td>
<td>27 µm</td>
</tr>
<tr>
<td>particle size, d50</td>
<td>6.3 µm</td>
</tr>
<tr>
<td>pH-value</td>
<td>6.3</td>
</tr>
<tr>
<td>specific surface area (N2)</td>
<td>130 m²/g</td>
</tr>
</tbody>
</table>

**RECOMMENDED ADDITION LEVEL**

As supplied calculated on total formulation: 1.5 - 7.0 %

**PROCESSING INSTRUCTIONS**

Addition to the coating as supplied or as a predilution is possible.

**HANDLING & STORAGE**

For details regarding our packaging options for this product, please contact your local sales representative. Our products are inert and extremely stable chemically. However, due to their high specific surface area, they can absorb moisture and volatile organic compounds from the surrounding atmosphere. Therefore, we recommend storing the products in sealed containers in a dry, cool place, and removed from volatile organic substances. Even if a product is stored under these conditions, after a longer period it can still pick up ambient moisture over time, which could lead to its exceeding the specified moisture content. For this reason, our recommended use-by date is 24 months after date of manufacture. Products more than 24 months old should be tested for moisture content before use in order to make certain that it is still suitable for the intended application.

**MSDS & REGULATORY INFORMATION**