Matting agent

ACEMATT® 3400

DESCRIPTION
ACEMATT® 3400 is a specially after-treated thermal silica with a unique property profile. Along with excellent matting efficiency, it provides multiple functionalities in coating formulations. It is especially recommended for soft-feel applications with high surface smoothness.

KEY BENEFITS
- high surface smoothness
- soft-feel effect
- high transparency
- highly efficient

EFFECT
Matting efficiency
Transparency
Viscosity
Smoothness/Haptic
Sedimentation behavior

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

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>carbon content</td>
<td>3.0 %</td>
</tr>
<tr>
<td>Grindometer value</td>
<td>30 µm</td>
</tr>
<tr>
<td>particle size, (d_{50})</td>
<td>7.0 µm</td>
</tr>
<tr>
<td>pH-value</td>
<td>7.7</td>
</tr>
<tr>
<td>specific surface area (N(_2))</td>
<td>190 m(^2)/g</td>
</tr>
</tbody>
</table>

RECOMMENDED ADDITION LEVEL
As supplied calculated on total formulation: 1.5 - 4.5 %

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