TECHNICAL INFORMATION

Application/properties:
- Aqueous lacquer systems, improve slip property and mar resistance
- Aqueous printing inks, improve the rub and mar resistance with good gloss stability.
- In functional seed coatings it provides improved flow properties of the seed as well as it protects the surface of the treated seed.
- During handling dust formation will be reduced.
- Complies with the requirements of U.S. EPA for seed coatings.
- pH: typical range: 7.0 - 9.0

Processing information:
- 1 - 4 % of this wax dispersion to be added to the lacquer or printing ink while stirring.
- 3 - 5 % of this wax dispersion to be added to the coating while stirring.

Solid:
- Polyethylene-Wax

Emulsifier-system:
- non-ionic

Solvent:
- Water

Technical data:

<table>
<thead>
<tr>
<th></th>
<th>Minimum</th>
<th>Maximum</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active content</td>
<td>46,0 %</td>
<td>48,0 %</td>
<td>Sartorius MA 100 infrared drier</td>
</tr>
<tr>
<td>Melting range</td>
<td>108 °C</td>
<td>118 °C</td>
<td>DSC (solid wax) (ISO11357-3)</td>
</tr>
<tr>
<td>Viscosity</td>
<td>1400 mPa.s</td>
<td>2800 mPa.s</td>
<td>MC 1 (25°C) D = 6,65 s⁻¹</td>
</tr>
</tbody>
</table>

Additional information:
- Particle size d90 < 3µm (measured by Laser diffraction analysis)

Storage:
- In original closed containers lasting at least 12 months at temperatures between 5-35°C. Stir well before use!
- Protect from frost! After long storage, particularly after usage of some of the product, evaporation of water is possible and visible signs of particles may be present. We therefore recommend filtration of the product before use.

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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