LUBA-print WX 9825

TECHNICAL INFORMATION

Chemical description: Wax dispersion / Wachsdispersion

Application/properties:
Aqueous lacquers and paints.
Aqueous flexo- and gravure printing inks.
To improve antiblocking, scratch- and rub resistance.

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

Solid: Polyolefin

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>49,0 %</td>
<td>51,0 %</td>
<td>Sartorius MA 100 infrared drier</td>
</tr>
<tr>
<td>Drop point</td>
<td>111 °C</td>
<td>119 °C</td>
<td>DIN ISO 2176 (solid wax)</td>
</tr>
<tr>
<td>pH-Value</td>
<td>6,0</td>
<td>8,0</td>
<td>DIN ISO 976</td>
</tr>
<tr>
<td>Particle size d50</td>
<td>5,0 µm</td>
<td>7,0 µm</td>
<td>Picture-Particle-Analyzing-System</td>
</tr>
<tr>
<td>Particle size d98 &lt;=</td>
<td>25,0 µm</td>
<td></td>
<td>Picture-Particle-Analyzing-System</td>
</tr>
<tr>
<td>Density</td>
<td>0,94 g/ccm</td>
<td>0,98 g/ccm</td>
<td>Pyknometer DIN EN ISO 2811-1</td>
</tr>
<tr>
<td>Viscosity</td>
<td>450 mPa.s</td>
<td>750 mPa.s</td>
<td>Rheolab MC1 DIN 53019 655-1</td>
</tr>
</tbody>
</table>

Storage:
In original closed containers lasting at least 6 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.

EN Revision: 06/2016

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