**TECHNICAL INFORMATION**

**Chemical description:** Wax dispersion / Wachsdispersion

**Application/properties:**
Aqueous lacquer systems:
To improve slip properties and scratch resistance.
The product is based on renewable raw materials and is particularly environmentally friendly.

**Processing information:**
1-10 % of this wax dispersion to be added to the coating system while stirring.

**Solid:**
Carnauba 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>30,0 %</td>
<td>32,0 %</td>
<td>Sartorius MA 100 Infrared drier</td>
</tr>
<tr>
<td>Melting range</td>
<td>87 °C</td>
<td>93 °C</td>
<td>DSC (solid wax) [ISO11357-3]</td>
</tr>
<tr>
<td>pH-Value</td>
<td>7,0</td>
<td>9,0</td>
<td>DIN ISO 976</td>
</tr>
<tr>
<td>Particle size d98 &lt;=</td>
<td>5,0 µm</td>
<td></td>
<td>Single pass test</td>
</tr>
<tr>
<td>Viscosity (typical value)</td>
<td>9 mPa·s</td>
<td></td>
<td>Rheolab MC1 DIN S3019 1.291s-1</td>
</tr>
</tbody>
</table>

The product described in this Technical Data Sheet is not yet a standard product. The indicated limits are preliminary data and can be specified only after 5 produced batches.

**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.