PRELIMINARY TECHNICAL INFORMATION

Chemical description: Spherical, micronized polyethylene wax, coated with PTFE

Application: Paints and coatings, such as powder-, can-, coil-, car-, industrial- and wood coatings

Printing inks e.g. flexo-, gravure-, overprint- and offset inks

Properties:
- Very good abrasion and scratch resistance
- High-melting point and high hardness
- Good gloss and slip properties
- Excellent antiblocking and hot blocking properties
- Improved temperature resistance compared to other PE waxes
- Melting point of the PTFE about 320°C – 340°C

Advantages:
- The PTFE is homogeneously distributed on the surface of the wax
- Specified maximum particle size (D99 value), narrow and uniform particle size distribution
- Easy to disperse due to spherical particle shape

Technical Data:

<table>
<thead>
<tr>
<th>Colour:</th>
<th>white</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consistency:</td>
<td>fine powder</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Particle size*</th>
<th>Minimum</th>
<th>Maximum</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specified value:</td>
<td>99% &lt; 15 µm</td>
<td>LV 5 (ISO 13320)</td>
<td></td>
</tr>
<tr>
<td>Typical value:</td>
<td>50% &lt; 6 µm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drop point (wax)</td>
<td>122 °C</td>
<td>130 °C</td>
<td>LV 12 (DGF M-III 3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shelf life:</th>
<th>24 months</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Stored in sealed original packing below 35 °C)</td>
<td></td>
</tr>
</tbody>
</table>

*part of certificate of analysis

The product described in this preliminary Technical Data Sheet is an experimental product. The indicated limits are preliminary data and can be specified only after 5 produced batches.

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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MÜNZING Micro Technologies GmbH
Dr.-Bergius-Straße 16 - 24
D-06729 Elsteraue

Tel.: +49(0)3441/82910-22
Fax: +49(0)3441/82910-20
ceretan@munzing.com
www.munzing.com