DEUREX® H 92

TECHNICAL INFORMATION

Chemical description: Hybrid wax based on polyolefine wax and amide wax

Applications: Raw material to produce micronized waxes for
- Printing inks
- Paints and Coatings (especially powder coatings)
- PVC
- Hot melts

Properties:
- Dispersing agent
- Improves anti-blocking
- Improves scratch- and rub resistance
- Degassing agent
- Pleasant haptic

Benefits:
- Crystalline wax
- Easily grindable
- AIR CLASSIFICATION PROCESS with particle size < 150 µm (DEUREX H 92 A)

Technical data:
<table>
<thead>
<tr>
<th>Property</th>
<th>Minimum</th>
<th>Maximum</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>White to off-white</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Delivery forms</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEUREX H 92 G</td>
<td>Granules</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEUREX H 92 A</td>
<td>Finest powder, &lt; 150 µm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drop point*</td>
<td>130 °C</td>
<td>140 °C</td>
<td>LV 12 (DGF M-III 3)</td>
</tr>
<tr>
<td>Acid value</td>
<td></td>
<td>5 mgKOH/g</td>
<td>DIN EN ISO 2114</td>
</tr>
<tr>
<td>Viscosity (140 °C)*</td>
<td>40 mPas</td>
<td></td>
<td>LV 2 (DIN EN ISO3104)</td>
</tr>
<tr>
<td>Penetration</td>
<td>5.0 mm*10^-1</td>
<td></td>
<td>LV 4 (DIN 51579)</td>
</tr>
<tr>
<td>Density (23 °C)</td>
<td>0.97 g/cm³</td>
<td>0.99 g/cm³</td>
<td>LV 3 (DIN EN ISO 1183)</td>
</tr>
</tbody>
</table>

*Part of certificate of analysis

Approvals:
USA: FDA 21 CFR §§ 175.105, 175.300, 176.170
(Approvals with regard to limitations and migration values in the final application)

Alternative delivery form:
DEUREX® H 9220 M – Micro-sized powder, 98% < 20 µm
DEUREX® H 9208 W – Water-based dispersion