DEUREX® E 0920 M

TECHNICAL INFORMATION

Chemical description: Micro-sized Polyethylene wax

Production process: Air classification process

Benefits: Guaranteed maximum particle size and constant and narrow particle size distribution

Applications: Paints and coatings
- Powder coatings
- Industrial- and wood coatings
- Can-, coil-, automotive-, furniture and parquet coatings
- Decorative paints

Printing inks
- Gravure printing, overprint varnishes, screen printing inks
- Flexo-, web-fed-, sheeted offset-, and coldset inks

Masterbatch
- Dispersing agent
- Stabilizing agent
- Reduction of production costs

Properties: High abrasion and scratch resistance
- Very good dispersion properties
- Very good anti-blocking and slip
- Increase in surface gloss

Technical data:

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Micro-sized powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>White</td>
</tr>
<tr>
<td>Delivery form</td>
<td>DEUREX® E 0920 M</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Minimum</th>
<th>Maximum</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particle size*</td>
<td>98 % &lt; 20 μm</td>
<td>50 % ~ 8 μm</td>
<td>LV 5 (DIN ISO 13320)</td>
</tr>
<tr>
<td>Typical value</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drop point*</td>
<td>110 °C</td>
<td>120 °C</td>
<td>LV 12 (DGF M-III 3)</td>
</tr>
<tr>
<td>Penetration</td>
<td>2 mm*10⁻¹</td>
<td>5 mm*10⁻¹</td>
<td>LV 4 (DIN 51579)</td>
</tr>
<tr>
<td>Density (23 °C)</td>
<td>0.94 g/cm³</td>
<td>0.96 g/cm³</td>
<td>LV 3 (DIN ISO 1183)</td>
</tr>
</tbody>
</table>

* Part of certificate of analysis

Approvals: DEUREX® E 0920 M is approved for the production of commodities intended to come into contact with food.
EU: Regulation (EU) 10/2011 dated 14th January 2011 – Ref.-No.: 80000
USA: FDA 21 CFR §§ 177.1520 (c), 175.105, 175.300, 176.170, 176.180, 178.3720
(Approvals with regard to limitations and migration values in the final application)

Alternative delivery form: DEUREX® E 09 K – Fine granules
DEUREX® E 09 A – Finest powder, 98% < 150 μm
DEUREX® E 0908 W – Water-based dispersion