DEUREX® E 0925 M

TECHNICAL INFORMATION

Chemical description: Micronized 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-, sheetfed offset-, and coldset inks

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>Property</th>
<th>Minimum</th>
<th>Maximum</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>White</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Delivery form</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>DEUREX® E 0925 M</td>
<td>Micro-sized powder</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Particle size*</td>
<td></td>
<td>98% &lt; 25 µm</td>
<td>LV 5 (DIN ISO 13320)</td>
</tr>
<tr>
<td>Typical value</td>
<td>50% ~ 9 µm</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 0925 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 0920 M – Micronized powder, 98% < 20 µm
- DEUREX® E 0908 W – Water-based dispersion