**DEUREX® E 1101 W**

**TECHNICAL INFORMATION**

**Chemical description:** Water-borne emulsion of polyethylene wax DEUREX® E 11 K

**Applications:**
- Finishing auxiliaries for textiles, paper and leather
- Water-based paints, coatings and printing inks
- Care products
- Hot melt

**Properties:**
- Increased slip and scratch resistance
- Very good blocking resistance
- High Melting Point
- Improve water repellency
- Increase in surface gloss and surface smoothness
- Anti-caking additive for thermoplastics and hot-melt adhesives

**Processing:**
- Stir well before usage, consume quickly after opening

**Storage, shelf life:**
- Store at temperatures between +5 °C and +28 °C
- Avoid frost
- Shelf life 6 month in closed original container

**Technical data:**

<table>
<thead>
<tr>
<th>Properties</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drop point (solid)</td>
<td>110 °C</td>
<td>120 °C</td>
</tr>
<tr>
<td>(LV 12 (DGF M-III 3))</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Particle size</td>
<td>98 % &lt; 1 μm</td>
<td>98 % &lt; 1 μm</td>
</tr>
<tr>
<td>Solid content*</td>
<td>34 %</td>
<td>36 %</td>
</tr>
<tr>
<td>Emulsifier system</td>
<td>non-ionic</td>
<td>non-ionic</td>
</tr>
<tr>
<td>pH-value*</td>
<td>6.0</td>
<td>8.0</td>
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</table>

* part of certificate of analysis

**Approvals:**
DEUREX® E 1101 W is approved for use in the production of consumer good used for food contact.


**USA:** FDA 21 CFR §§ 175.105

**Alternative delivery forms:**
- DEUREX® E 11 G – Granules
- DEUREX® E 11 K – Fine granules