**DEUREX® E 11**

**TECHNICAL INFORMATION**

**Chemical description:** Non polar, low molecular Polyethylene wax

**Application:**
- Masterbatch, e.g. PE, PP, PC, PS
- Plastics industry, e.g. compounds and PVC
- Rubber and cable fillers
- Modification of adhesive- and coating hotmelts
- Road construction (bitumen modifier, road marking)
- Additive for mineral oil industry, wax- and candle production

**Properties:**
- Dispersing agent
- Release agent
- Lubricant

**Technical data:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Minimum</th>
<th>Maximum</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drop point**</td>
<td>110 °C</td>
<td>120 °C</td>
<td>LV 12 (DGF M-III 3)</td>
</tr>
<tr>
<td>Acid value</td>
<td>0 mgKOH/g</td>
<td></td>
<td>DIN EN ISO 2114</td>
</tr>
<tr>
<td>Viscosity (140 °C)**</td>
<td>80 mPas</td>
<td></td>
<td>LV 2 (DIN EN ISO 3104)</td>
</tr>
<tr>
<td>Penetration</td>
<td>3 mm*10⁻¹</td>
<td>7 mm*10⁻¹</td>
<td>LV 4 (DIN 51579)</td>
</tr>
<tr>
<td>Density (23 °C):</td>
<td>0.91 g/cm³</td>
<td>0.96 g/cm³</td>
<td>LV 3 (DIN EN ISO 1183)</td>
</tr>
</tbody>
</table>

*Part of certificate of analysis

**Approvals:**
DEUREX® E 11 K is approved for the production of commodities intended to come into contact with food.


**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 1101 W** – Water-borne polyethylene wax emulsion
- **DEUREX® E 111 B** – Off white - Extremely competitive price