**DEUREX® EO 43**

**TECHNICAL INFORMATION**

**Chemical description:** Oxidized HDPE wax

**Applications:**
- PVC processing
  - No metal adhesion
  - Metal release agent
  - Fusion control for PVC formulations
  - Improved compatibility
- PVC applications
  - No effect on transparency and clarity
  - Very effective for use in processing PVC regrind

**Properties:**
- External lubricant
- Hard polymer and high drop point
- Excellent abrasion and scratch resistance
- Lowering the coefficient of friction
- Excellent toughness on the surface
- Improves surface properties

**Technical data:**

<table>
<thead>
<tr>
<th></th>
<th>Minimum</th>
<th>Maximum</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Drop point</strong></td>
<td>130 °C</td>
<td>140 °C</td>
<td>LV 12 (DGF M-III 3)</td>
</tr>
<tr>
<td><strong>Congealing point</strong></td>
<td>125 °C</td>
<td>135 °C</td>
<td>LV 12 (DGF M-III 3)</td>
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<tr>
<td><strong>Acid value</strong></td>
<td>16 mgKOH/g</td>
<td></td>
<td>DIN EN ISO 2114</td>
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<tr>
<td><strong>Viscosity (160 °C)</strong></td>
<td>8,500 mPas</td>
<td></td>
<td>LV 2 (DIN EN ISO 3104)</td>
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<tr>
<td><strong>Penetration</strong></td>
<td>1 mm*10^-1</td>
<td></td>
<td>LV 4 (DIN 51579)</td>
</tr>
<tr>
<td><strong>Density (23 °C)</strong></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:**

DEUREX® EO 43 K is approved for the production of commodities intended to come into contact with food.

EU: Regulation (EU) 10/2011

USA: FDA CFR §§ 172.260, 175.105, 175.125, 175.300, 175.320, 176.170, 176.180, 176.200, 176.210, 177.1200, 177.1210, 177.1620, 177.2600, 177.2800, 178.3570, 178.3850

(Approvals with regard to limitations and migration values in the final application)