DEUREX® E 18 K

TECHNICAL INFORMATION

Chemical description: Non polar, high molecular polyethylene wax

Applications:
- Masterbatch
- Plastics industry
- Hot melts
- Raw material for micronized waxes
- Raw material for emulsions
- Care products

Properties:
- Carrier for pigment concentrates
- Dispersing agent
- Good abrasion resistance
- Matting agent
- Slip agent

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>DEUREX E 18 K</td>
<td>Fine granules</td>
<td></td>
<td></td>
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<tr>
<td>Delivery forms</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>Acid value:</td>
<td>0 mgKOH/g</td>
<td></td>
<td>DIN EN ISO 2114</td>
</tr>
<tr>
<td>Viscosity (140 °C)*:</td>
<td>400 mPas</td>
<td></td>
<td>LV 2 (DIN EN ISO3104)</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>0.93 g/cm³</td>
<td>0.95 g/cm³</td>
<td>LV 3 (DIN EN ISO 1183)</td>
</tr>
</tbody>
</table>

*Part of certificate of analysis

Approvals:

DEUREX® E 18 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
(Approvals with regard to limitations and migration values in the final application)

Safety:
The product is no dangerous preparation according to Directive 1999/45/EC. It is not subject to labelling according to EC Directives 67/548/EEC and Regulation (EC) 1272/2008.