TECHNICAL INFORMATION

Chemical description:  Non polar 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
- Coating additive for Phytopharmaceuticals

Properties:
- Dispersing agent
- Release agent
- Lubricant

Specific characteristic:  Softer than DEUREX® E 11 K

Technical data:

<table>
<thead>
<tr>
<th>Property</th>
<th>Minimum Value</th>
<th>Maximum Value</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drop point*</td>
<td>100 °C</td>
<td>110 °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>40 mPas</td>
<td></td>
<td>LV 2 (DIN EN ISO3104)</td>
</tr>
<tr>
<td>Penetration</td>
<td>10 mm*10^{-1}</td>
<td>25 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 EN ISO 1183)</td>
</tr>
</tbody>
</table>

*Part of certificate of analysis

Approvals:  
DEUREX® E 10 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)

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.

This data sheet is based on our current knowledge and experience. In view of the individual factors that may affect processing and application, this data does not relieve users from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties. Existing industrial/commercial protective laws have to be considered by the recipient. Updated versions of the data sheet replace all formerly existing versions.