TECHNICAL INFORMATION

Chemical description: Fischer Tropsch wax (Congealing point 70 °C)

Applications:
- Hot melts
  - Adjustment of open time
  - Improved Adhesion
  - No stringing
- PVC
  - Internal and external lubricant
- Rubber
  - Protection against sun light and ozone
- Raw material for Emulsions
  - Production of care products, paints and coatings

Benefits:
- Crystalline wax with very narrow C-chain distribution
- Very fast solidification point at 70 °C

Technical data:
- Colour: White
- Delivery forms: DEUREX T 17 G = Granules

<table>
<thead>
<tr>
<th></th>
<th>Minimum</th>
<th>Maximum</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drop point*</td>
<td>68 °C</td>
<td>78 °C</td>
<td>LV 12</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(DGF M-III 3)</td>
</tr>
<tr>
<td>Acid value</td>
<td></td>
<td>0 mgKOH/g</td>
<td>DIN EN ISO 2114</td>
</tr>
<tr>
<td>Viscosity (140 °C)*</td>
<td></td>
<td>20 mPas</td>
<td>LV 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(DIN EN ISO3104)</td>
</tr>
<tr>
<td>Penetration</td>
<td>8 mm*10^-1</td>
<td>15 mm*10^-1</td>
<td>LV 4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(DIN 51579)</td>
</tr>
<tr>
<td>Density (23 °C)</td>
<td>0.85 g/cm³</td>
<td>0.90 g/cm³</td>
<td>LV 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(DIN EN ISO 1183)</td>
</tr>
</tbody>
</table>
* Part of certificate of analysis

Approvals:
DEUREX® T 17 is approved for the production of commodities intended to come into contact with food.
FRG: BfR recommendation XXV
USA: FDA 21 CFR §§ 175.105, 175.250, 175.300, 175.320, 176.170, 176.180, 177.1200, 177.1390
(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.