Product Data Sheet - Waxes

Licocene PE 4201 granules

Metalloocene catalyst based polyethylene wax


Product Description
Polyethylene wax

Delivery specifications and (*) general properties

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Unit</th>
<th>Target value</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td></td>
<td>white granules</td>
<td>QM-AA-634</td>
</tr>
<tr>
<td>Drop point</td>
<td>°C</td>
<td>125 - 130</td>
<td>ASTM D 3954</td>
</tr>
<tr>
<td>Viscosity</td>
<td>mPa·s</td>
<td>40 - 80</td>
<td>DIN 53019 at 140 °C</td>
</tr>
<tr>
<td>*Density (23°C)</td>
<td>g/cm³</td>
<td>~ 0.97</td>
<td>ISO 1183</td>
</tr>
</tbody>
</table>

Delivery form
Granules
The product is also available in other physical form(s)

Packaging
Big Bag 900 kg
Polyethylene bag 20 kg
Pallet 500 kg (25 bags)

Main applications
Additive for EPS-production; improves rub resistance of printing inks; acts as anti-offset agent for electrophotographic toners; modification of hot melt adhesives

Storage
For best shelf life store this product in a dry area at normal ambient temperatures. Minimum shelf life is 2 years from the date of shipping when properly stored.

Status under food legislation
EU: All components listed in Annex I, Table 1 of Commission Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food (No SML).
FDA: 21 CFR §§ 175.105 175.300 177.1520 (c) 2.1, 2.2, 2.3 (for further information please contact Clariant).
Declarations regarding the requirements and specifications of several regulations and standards are available including: Directive 2011/65/EU (RoHS), CONEG’s “toxics in packaging”, EN 71-3 (“safety of toys – migration of certain elements”), Directive 94/62/EC (“packaging and packaging waste”).
For further information please contact your Clariant representative.
Hazards

The product does not require a hazard warning label according to the German federal regulations of hazardous substances (GefStoffV). For further information please refer to the material safety data sheet.

Ecological and toxicological properties

Acute oral toxicity LD50: >2000 mg/kg (rat)
Insoluble in water
No harmful effects to fish and bacteria
The product has not been tested. The statements are derived from products with similar composition.

For all specifications, deliveries and services the following applies:

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