Ceridust 9610 F

Polytetrafluoroethylene modified polyethylene wax

Product Description
Micronized, polytetrafluoroethylene modified 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 micronized powder</td>
<td>QM-AA-634</td>
</tr>
<tr>
<td>Acid value</td>
<td>[mg KOH/g]</td>
<td>0</td>
<td>ISO 2114</td>
</tr>
<tr>
<td>Density (23°C)</td>
<td>[g/cm³]</td>
<td>0.98 - 1.01</td>
<td>ISO 1183</td>
</tr>
<tr>
<td>Particle size d50</td>
<td>[µm]</td>
<td>7.5 - 9.5</td>
<td>QM-AA-112</td>
</tr>
<tr>
<td>Melting point</td>
<td>[°C]</td>
<td>125 - 129</td>
<td>QM-AA-924</td>
</tr>
</tbody>
</table>

Delivery form
Micronized powder

Packaging
Paper bag 20 kg
Pallet 600 kg (30 bags)

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.

Main applications
Ceridust 9610 F is recommended for solvent based coatings and inks. It is also very effective in powder coating applications.
It is a slip and rub resistance additive in solvent and pasty printing ink systems.
In solvent based coatings the micronized wax compound performs as scratch resistance additive and lowers the coefficient of friction (slip). It also improves the abrasion resistance and minimizes metal markings.
In powder coatings it is a very effective scratch and abrasion resistance additive which can be easily dispersed in all kind of powder coating systems.

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 (one component with specific migration limit: SML = 0.05 mg/kg).
FDA: 21 CFR §§175.105, 175.300
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").
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
Contamination of clothes and tobacco products must be avoided at all costs.
Hazardous decomposition products can be generated above 300°C
When handling this wax the usual safety precautions for fluorocarbon containing products must be observed.

For further information please contact your Clariant representative.

For all specifications, deliveries and services the following applies:

Disclaimer

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Clariant Additives Web Site:  http://additives.clariant.com