/ Chemical Description

Aqueous dispersion of polyethylene wax modified with PTFE

/ Physical Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>white dispersion</td>
</tr>
<tr>
<td>Viscosity</td>
<td>approx. 600 mPa-s</td>
</tr>
<tr>
<td>Specific Weight</td>
<td>approx. 1,02 g/cm³</td>
</tr>
<tr>
<td>Melting Point of Polyethylene</td>
<td>approx. 116 °C</td>
</tr>
<tr>
<td>Polyethylene/PTFE</td>
<td>approx. 46 %</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>approx. 4 %</td>
</tr>
<tr>
<td>Flash Point</td>
<td>does not apply</td>
</tr>
</tbody>
</table>

/ Properties


/ Application

Water-based clear lacquers and top coats where the presence of PTFE can be accepted, e.g. air drying and stoving enamels, aqueous acrylic lacquers and inks.

/ Dosage

A definite recommendation regarding the exact dosage cannot be made. The exact dosage should be determined by own trials. Experiences have shown that a dosage of 1,0 - 3,0 % will meet the required surface properties for slip and mechanical resistance.

/ Processing

Deuteron OG 330 can be incorporated into the lacquer with a high speed stirrer before adjusting the viscosity. In most cases adding the product to the mill base will not result in problems. This can be taken into consideration for optimizing the production process.

/ Storage conditions

Deuteron OG 330 can be stored in its original tightly closed containers for at least 24 months at room temperature. Phase separation can occur during longer storing periods; stirring the product will remedy this. The product should be stored frost free.

/ Package Sizes

Plastic barrel (25 kg net)

/ Safety Regulations

According to Regulation (EC) No. 1272/2008 Deuteron OG 330 is not classified as a dangerous product and therefore does not need to be labeled.
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Deuteron GmbH has 30 years of experience in the production and sales of additives including: matting agents, conductivity agents and UV initiators. In the course of our company’s 30-year history, we have become an important partner for the paint, lacquer and coatings industry – we operate nationally and internationally and are represented all over the globe. We serve you with the dependability and close business relationship that only an owner-operated, medium-sized company can offer – and we also have the expertise of a global provider. Get in touch with us! We are happy to be of assistance and to help find individual solutions for your needs.

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- Deuterol Paraffindispersion
- Deuteron UV RS20
- Deuteron WAX PP
- Deuteron WAX PP/2
- Deuteron WAX MPO
- Deuteron WAX A
- Deuteron WAX TF

This leaflet intends to give technical advice without warranty and does not claim to be complete.