Leasys® 3978

Aqueous Polyurethane Dispersion

Technical Data Sheet

Name: Leasys® 3978

Revision Date : 2019-09-02

Product Description

Leasys® T3978 is an aliphatic polyester-polyurethane dispersion used as a carrier resin for dull finishing. It is free of APEO, NMP, NEP and widely applied in leather finishing, textile coating.

Biocide: CMIT/MIT 3:1 14ppm, and MIT 100ppm.

Properties

1. Excellent dispersion of matting powder
2. Excellent adhesion on PVC and PU
3. Good heat sticky resistance

Characteristic data*

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Unit</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Translucent to milky white</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Weight Solids</td>
<td>40±1</td>
<td>%</td>
<td>WHPU/T011-571-2017</td>
</tr>
<tr>
<td>pH</td>
<td>7.0-9.0</td>
<td>/</td>
<td>GB 6920-1986</td>
</tr>
<tr>
<td>Viscosity</td>
<td>10-1000</td>
<td>mPa·s</td>
<td>Brookfield,RV,62#,30rpm,25°C</td>
</tr>
<tr>
<td>Density</td>
<td>1.02-1.09</td>
<td>g/cm³</td>
<td>GB/T4472-2011</td>
</tr>
</tbody>
</table>

* Property values represent typical results only and are not to be considered as specifications, subject to specific COA

Storage

The product should be stored in dry conditions above 5°C and below 35°C with the integrity of the packaging, and prevent direct sunlight. The validity of this product is for 6 months, performance assessment is recommended before use after more than 6 months. The product should be protected from freezing during storage. After opening the packing, suggested to use up one time. Well filtration before using is necessary as normal water based binder.
Leasys® 3978

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