Leasys® 3979
Aqueous Polyurethane Dispersion

Technical Data Sheet

Name: Leasys® 3979  
NO.: WHSM_3979
Revision Date: 2020-03-02  
Version: V 1.1

Product Description
Leasys® 3979 is an aromatic 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. Organic solvent and neutralizing agent: Triethylamine <1%. Biocide: QK20 100ppm, and MBIT 200ppm.

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>Light milk-white to pale</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td></td>
<td>brown liquid</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>6.0-9.0</td>
<td>/</td>
<td>GB 6920-1986</td>
</tr>
<tr>
<td>Viscosity</td>
<td>10-1000</td>
<td>mPa-s</td>
<td>Brookfield,LV,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 10°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® 3979**

**Disclaimer:** Wanhua Chemical Group Co., LTD. recommends that any customers of this material should check with Materials Safety Data Sheet (MSDS) for details about safely handling this material. We also suggest that you contact the suppliers of any other materials used in our recommended formulations and suggestions for appropriate health and safety regulations prior to use. The information contained herein is believed to be reliable. However, nothing in this technical sheet should be considered as a representation of warranty, express or implicit, regarding the product characteristics, application, quality, safety, merchantability or fitness for a particular purpose. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.