Lacper® 4221

Aqueous modified polyurethane dispersion

Technical Data Sheet

Revision Date: 2017-12-26
Name: Lacper® 4221

Product Description

Lacper® 4221 is an aliphatic modified polyurethane dispersion designed for wood, and alkyl phenyl ethoxylate, NMP and tin free. Approx. 40% in water / N-Ethyl-2-pyrrolidone in the ratio approx. 57.7 : 2.3, neutralized with approx. <1% N,N-dimethyl ethanolamine. Biocide: CMIT/MIT 3:1 12ppm, and MIT 100ppm.

Properties

1. Low cosolvent needed
2. Outstanding stackability
3. Fast drying and high hardness
4. Good building up property

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>39-41</td>
<td>wt%</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>MFFT</td>
<td>26</td>
<td>°C</td>
<td>GB/T 9267-2008</td>
</tr>
<tr>
<td>Viscosity</td>
<td>10-200</td>
<td>mPa·s</td>
<td>GB/T 2794-2013</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.
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