**Lacper® 4115**

Aqueous polyurethane dispersion

**Technical Data Sheet**

Revision Date: 2018-08-06
Name: Lacper® 4115

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**Product Description**

Lacper® 4115 is an anionic aqueous polyurethane dispersion. It contains no NMP, NEP, APEO and TEA. Biocide: CMIT/MIT 3:1 12ppm, and MIT 100ppm. The effects of other substances and pH values on the inactivation of biocide should be noted.

**Properties**

1. Good transparency, low odor
2. Good compatibility with acrylic emulsion
3. Good film formation ability

**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 liquid</td>
<td></td>
<td>Visual</td>
</tr>
<tr>
<td>Weight Solids</td>
<td>34-36</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>Viscosity (25°C)</td>
<td>0~1000</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.

**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...
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