Lacper® 4507

Acrylic copolymer emulsion

Technical Data Sheet

Name: Lacper® 4507
Revision Date: 2019-02-18

Product Description
Lacper® 4507 is a self-crosslinking acrylic copolymer emulsion. Due to its small particle size, the product shows excellent in-can and dry-film clarity, and also it has good film hardness, fast drying speed, good sandability and excellent chemical resistance. It contains no APEO, formaldehyde and its derivative. Biocide: CMIT/MIT 3:1 10ppm, and MIT 200ppm.

Properties
1. Fine particle size, good in-can and dry-film clarity.
2. Good adhesion to a variety of substrates such as wood, plastic (ABS, PC, PVC etc.)
3. High film hardness, fast drying speed.
4. Excellent chemical 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>WHPU/T011-571-2017 (5cm,150°C,20min)</td>
</tr>
<tr>
<td>Weight Solids</td>
<td>39-41</td>
<td>wt%</td>
<td>WHPU/T011-571-2017 (5cm,150°C,20min)</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>35</td>
<td>°C</td>
<td>GB/T 9267-2008</td>
</tr>
<tr>
<td>Viscosity</td>
<td>10-500</td>
<td>mPa·s</td>
<td>GB/T2794-2013(Brookfield LV,62#/60rpm), 25°C</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
Lacper® 4507

12 months, performance assessment is recommended before use after more than 12 months storage. 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 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. This is a trial product. Further information may be compiled in the future. Commercialization and continued supply of this material are not assured.