Lacper® 4506

Aqueous acrylic copolymer emulsion

Technical Data Sheet

Product Name : Lacper® 4506  TDS NO. : WHSM_4506
Revision Date : 2019-05-06  Version : V 1.0

Product Description

Lacper® 4506 is an aqueous acrylic copolymer emulsion with high gloss, good film building, good blocking resistance and excellent adhesion to thermal transfer paper. It contains no solvent, APEO and formaldehyde. Less than 1% ammonia is used as neutralizing agent. Bactericide: CMIT:MIT=3:1 10ppm, MIT: 200ppm.

Properties

1. High gloss, good film building.
2. Good blocking resistance.
3. Good adhesion to thermal transfer paper.

Characteristics 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 liquid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight solid</td>
<td>44-46</td>
<td>wt%</td>
<td>WHPU/T011-571-2017 (5cm,150℃,20min)</td>
</tr>
<tr>
<td>pH value</td>
<td>7-9</td>
<td></td>
<td>GB 6920-1986</td>
</tr>
<tr>
<td>Viscosity(25℃)</td>
<td>10-1000</td>
<td>mPa·s</td>
<td>GB/T 2794-2013, Brookfield LV,62#/30rpm</td>
</tr>
<tr>
<td>MFFT</td>
<td>44</td>
<td>℃</td>
<td>GB/T 9267-2008</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℃ and below 35℃ with the integrity of the packaging, and prevent direct sunlight. The validity of this product is for 12 months, performance assessment is recommended before use after more than 12 months. The product should be protected from freezing during storage. After opening the packing, it is 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 safety
Lacper® 4506

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.