Archsol® 8042A
Acrylic copolymer emulsion

Technical Data Sheet

Name: Archsol® 8042A
Revision Date: 2019-12-16

NO.WHSM_8042A
Version: 1.0

Product Description

Archsol® 8042A is an anionic styrene acrylic copolymer emulsion designed for stone paint and textured coatings. It offers good water whitening resistance, excellent shearing stability and low water absorption. Neutralizer: ammonia water <1%. Biocide: (CMIT:MIT=3:1) 0.014‰ and MIT 0.200‰.

Properties

1. APEO-free, no formaldehyde added
2. Good water whitening resistance and recovery
3. Excellent shearing stability
4. Low water absorption

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>Milky white liquid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight Solids</td>
<td>45±1</td>
<td>%</td>
<td>WHPU/T011-571-2017</td>
</tr>
<tr>
<td>pH</td>
<td>7.0-9.0</td>
<td></td>
<td>GB/T 20623-2006</td>
</tr>
<tr>
<td>Viscosity</td>
<td>100-3000</td>
<td>mPa·s</td>
<td>Brookfield,RV,3#,30rpm,25°C</td>
</tr>
<tr>
<td>MFFT</td>
<td>20</td>
<td>°C</td>
<td>GB/T 9267-2008</td>
</tr>
<tr>
<td>Density</td>
<td>1.04</td>
<td>g/cm³</td>
<td>GB/T 6750-2007</td>
</tr>
</tbody>
</table>

*These properties are typical but do not constitute specifications.

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 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, suggested to use up one time.

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.