Unicap® K25A

Acrylic Copolymer

Technical Data Sheet

Name: Unicap® K25A  NO: WHSM_K25A
Revision Date: 2019-05-10  Version: 1.0

Product Description

Unicap® K25A is a hydrophobically modified copolymer with styrene and acrylic acid. Unicap® K25A has excellent compatibility with liquid detergent and provides multifunctional performance to the laundry detergents and hard surface cleaners, especially suitable for the application to concentrated liquid detergents.

Properties

1. Extensively compatible with concentrated liquid detergents
2. Excellent dispersing power
3. Outstanding anti-redeposition property
4. Synergistic effect with surfactants to improve cleaning effect

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>Light yellow transparent liquid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-volatile matter</td>
<td>24.0-26.0</td>
<td>%</td>
<td>WHPU/T011-571-2017 (5cm, 150°C, 60min)</td>
</tr>
<tr>
<td>pH</td>
<td>8.0-10.0</td>
<td></td>
<td>GB/T 6920-1986</td>
</tr>
<tr>
<td>Viscosity(25°C)</td>
<td>0-300</td>
<td>mPa·s</td>
<td>GB/T 2794-2013 (Brookfield LV,62#/60rpm)</td>
</tr>
<tr>
<td>Solvent</td>
<td>Water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ingredient</td>
<td>Styrene/acrylic acid hydrophobically modified copolymer</td>
<td></td>
<td></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 shelf life. The
Unicap® K25A

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.

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