Carfil® 9123

Acrylic Copolymer Emulsion

Technical Data Sheet

Name: Carfil® 9123
Revision Date: 2019-02-18
NO. WHSM_9123
Version: 1.0

Product Description

INCI Name: Acrylates /dimethylaminoethyl methacrylate copolymer

Carfil® 9123 functions as a film former for personal care product such as mascara and eyeliner. Carfil® 9123 is easy to use, especially suitable for cold processes. The product also shows good compatibility with a broad range of cosmetic ingredients. Preservative: 2-phenoxyethanol 1400 ppm. The effects of other substances and pH values on the inactivation of preservatives should be noted.

Properties

1. Outstanding water resistance
2. Excellent adhesive property
3. Excellent compatibility
4. Good film-formation
5. Lack of odor

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 liquid</td>
<td></td>
<td>Visual</td>
</tr>
<tr>
<td>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/T 6920-1986</td>
</tr>
<tr>
<td>Viscosity(25°C)</td>
<td>10-200</td>
<td>mPa·s</td>
<td>GB/T2794-2013 (61/30/LV)</td>
</tr>
</tbody>
</table>

*These properties are typical but do not constitute specifications.

Storage

The product should be stored in dry condition between 5~35°C with the integrity of the packaging, and prevented from direct sunlight. The validity of this product is for 9
Carfil® 9123

months, performance assessment is recommended before use after shelf life. The product should be protected from freezing during storage. It is suggested to filter before application and use up once the package is open.

Disclaimer: Wanhua Chemical Group Co., LTD. recommends that customers should check with Materials Safety Data Sheet (MSDS) for details about safety instructions. We also suggest that you contact the suppliers of other materials used in our recommended formulations and consult 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.