Antkote® 2703

Hydroxyl functional modified acrylic dispersion

Technical Data Sheet

Product Name: Antkote® 2703
TDS NO.: WHSM_2703
Revision Date: 2018-05-23
Version: V 1.0

Product Description

Antkote® 2703 is an aqueous hydroxyl functional modified acrylic dispersion, the solid is approximately 41% and dispersed in water/100# Naphtha solvent/PNB, the ratio is about 52.5:2.5:2.5. It can be used in water base 2K coatings in combination with polyisocynate hardener, also can be used in water base 1K baking coatings in combination with amino resin or blocked isocynate hardener.

Properties

1. High gloss and good film-building
2. High WFT without bubbling
3. Excellent chemical resistance
4. High film hardness

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>Milky white liquid</td>
<td></td>
<td>By eye</td>
</tr>
<tr>
<td>Weight solid</td>
<td>40-42</td>
<td>wt%</td>
<td>WHPU/T011-571-2017 (5cm,125°C,60min)</td>
</tr>
<tr>
<td>pH value</td>
<td>7-9</td>
<td></td>
<td>GB/6920-1998</td>
</tr>
<tr>
<td>Viscosity(25°C)</td>
<td>10-5000</td>
<td>mPa·s</td>
<td>GB/T2794-2013 (Brookfield,LV,63#,30rpm,25°C)</td>
</tr>
<tr>
<td>OH%(Based on solid)</td>
<td>3.5</td>
<td>%</td>
<td></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 6 months, performance assessment is recommended before use after more than 6 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 safely
Antkote® 2703

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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