Crysol® 6126

Aqueous modified polyurethane dispersion

Technical Data Sheet

Name: Crysol® 6126
Revision Date: 2018-04-09

Product Description

Crysol®6126 is an aliphatic modified polyurethane dispersion designed for plastics, it’s alkyl phenyl ethoxylate, NMP and tin free. Approx. 40% in water / N-Ethyl-2-pyrrolidone in the ratio approx. 57.7 : 2.3, neutralized with approx. <1% N,N-dimethyl ethanolamine. Biocide: CMIT/MIT 3:1 15ppm, and MIT 100ppm.

Properties

1. Excellent adhesion to various plastic substrates (PC, PC+ABS, ABS, PVC, etc.)
2. Excellent water and yellow resistance.
3. High gloss and hardness.
4. Good effective pigments orientation and compatibility with pigments and fillers.

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</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight Solids</td>
<td>40±1</td>
<td>wt%</td>
<td>WHPU/T011-571-2017</td>
</tr>
<tr>
<td>pH</td>
<td>7.0-9.0</td>
<td></td>
<td>GB 6920-1986</td>
</tr>
<tr>
<td>MFFT</td>
<td>26</td>
<td>°C</td>
<td>GB/T 9267-2008</td>
</tr>
<tr>
<td>Viscosity</td>
<td>10-200</td>
<td>mPa·s</td>
<td>Brookfield, LV, 61#, 30rpm, 25°C</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 6 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 any customers of this material should check with Materials Safety Data Sheet (MSDS) for details about safety
Crysol® 6126

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.