**Crysol® 6318**

Acrylic copolymer emulsion

**Technical Data Sheet**

**Name:** Crysol® 6318  
**Revision Date:** 2017-12-18

**Product Description**

**Crysol® 6318** is an anionic acrylic emulsion for plastic coating, no formaldehyde or ethoxylated alkylphenol (APEO), can be used in conjunction with water-based or solvent-based coatings for plastics. Biocide: CMIT/MIT 3:1 15ppm, and MIT 240ppm.

**Properties**

1. Excellent adhesion to a variety of plastic substrates (PC, PC+ABS, ABS, PS etc.).
2. Good water resistance.
3. Good compatibility with polyurethane dispersion.

**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>%</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>Viscosity</td>
<td>10-200</td>
<td>mPa·s</td>
<td>Brookfield,LV,61#,30rpm,25°C</td>
</tr>
<tr>
<td>MFFT</td>
<td>44</td>
<td>°C</td>
<td>GB/T 9267-2008</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 12 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.
Crysol® 6318

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