**NO.700-10FG CY.BLUE**

**Chemical structure**

<table>
<thead>
<tr>
<th>Application</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Automotive solvent</td>
<td>◎</td>
<td></td>
</tr>
<tr>
<td>Automotive water</td>
<td></td>
<td>◎</td>
</tr>
<tr>
<td>Industrial solvent</td>
<td>◎</td>
<td></td>
</tr>
<tr>
<td>Decorative solvent</td>
<td></td>
<td>◎</td>
</tr>
<tr>
<td>Decorative water</td>
<td>◎</td>
<td></td>
</tr>
<tr>
<td>Powder coatings</td>
<td></td>
<td>◎</td>
</tr>
</tbody>
</table>

- **Recommended**
- **Suitable**

**Chemical Properties**

- **Chemical Group:** Phthalocyanine
- **Colour Index:** PB15:4
- **C.I. Number:** 74160
- **CAS Number:** 147-14-8
- **EC Number:** 205-685-1

**Registration**

- MITI (Japan): 5-3299
- TSCA (USA): Registered

**Key Properties**

A beta form phthalocyanine blue pigment with a bright greenish shade, high colour strength and good rheological properties.

**Physical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk density (Kg/l)</td>
<td>0.29</td>
</tr>
<tr>
<td>Specific surface area (m²/g)</td>
<td>54</td>
</tr>
</tbody>
</table>

**Fastness Properties**

**Chemical Resistance**

- Water: 5
- Xylene: 5
- Ethanol: 5
- Ethyl Acetate: 5
- Acid (HCl 2%): 5
- Mineral Spirit: 5
- Alkali (NaOH 2%): 5

Resistance to solvent, acid & alkali: 1 to 5, 5 = Excellent

**Light Fastness**

- Full shade: 8
- Reduced -1/10TiO₂: 8

Assessment according to the Wool Scale (1-8)

**Weatherability**

<table>
<thead>
<tr>
<th>Condition</th>
<th>Solid Full</th>
<th>Florida</th>
<th>Metallics</th>
<th>Florida</th>
<th>1/10TiO₂</th>
<th>1/9Al</th>
<th>1/9Al</th>
<th>1/9Al</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open Air</td>
<td>2.0</td>
<td></td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 years</td>
<td>5.3</td>
<td>5.5</td>
<td>5.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Heat Stability**

- 10’ – 150°C: 5
- 10’ – 210°C: 5

Assessment according to the Gray Scale (1-5)

Note: The information herein and the material supplied to the user is based on our general experience and where applicable, on the results of tests of typical manufacture. However, because of many factors which are outside our knowledge and control which can affect the use of these products, we decline liability for any injury, loss or damage resulting from reliance upon such information.

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