**LIONOL BLUE CB7801**

**Chemical structure**

![Chemical structure](image)

**Key Properties**

An alpha form phthalocyanine blue pigment with good dispersibility. Suitable for powder coatings.

**Physical Properties**

- Bulk density (Kg/l) 0.11
- Specific surface area (m²/g) 64

**Application**

- Automotive solvent
- Automotive water
- Industrial solvent
- Decorative solvent
- Decorative water
- Powder coatings

- ◎ Recommended
- ○ Suitable

**Registration**

- MITI (Japan) 5-3300
- TSCA (USA) Registered

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

**Heat Stability**

- 10’ – 150 °C 5
- 10’ – 210 °C 5

assessment according to the Gray Scale (1-5)

**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>Artificial</th>
<th>Solid</th>
<th>Full</th>
<th>dE=2.8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xenon 1000 hours</td>
<td>Metallics</td>
<td></td>
<td>dE=NA</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 any 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.