LIONOGEN BLUE 6510

Chemical structure

**Chemical Group**: Indanthrone  
**Colour Index**: PB60  
**C.I. Number**: 69800  
**CAS Number**: 81-77-6  
**EC Number**: 201-375-5

**Registration**  
MITI (Japan)  5-3311  
TSCA (USA)  Registered

**Application**  
- Automotive solvent  ◎  
- Automotive water  ◎  
- Industrial solvent  ◎  
- Decorative solvent  ○  
- Decorative water  ○  
- Powder coatings  ○  
  - Recommended  ◎  
  - Suitable  ○

Note: The information herein and cmaterialwise supplied to 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.

**Key Properties**  
An outstanding bright and reddish, transparent and strong indanthrone blue pigment, with good rheological properties, designed for high quality paints such as automotive applications, specially perlescent and metallic shades.

**Physical Properties**  
- Bulk density (Kg/l): 0.50  
- Specific surface area (m²/g): 36

**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: 7  
  - assessment according to the Wool Scale (1-8)

**Weatherability**  
- Open Air: Solid  
- Okinawa: Full  
- 2 years: Metallics  
- 1/10TiO₂: dE=1.9  
- 5/1Al: dE=3.4  
- 1/10Al: dE=3.9

**Heat Stability**  
- 10’ – 150 °C: 5  
- 10’ – 210 °C: 5  
  - assessment according to the Gray Scale (1-5)

**Colour Chart**

**Chemical structure**

**Application**

**Registration**

**Physical Properties**

**Fastness Properties**

**Chemical Resistance**

**Light Fastness**

**Weatherability**

**Heat Stability**