LIONOL YELLOW TT-1806G

Chemical structure

**Key Properties**

A disazo yellow pigment with a semi-transparent and reddish shade.

**Physical Properties**

- **Bulk density (Kg/l)**: 0.19
- **Specific surface area (m²/g)**: 41

**Fastness Properties**

**Chemical Resistance**

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

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

**Light Fastness**

- Full shade: 5
- Reduced -1/10TiO₂: 4
  - assessment according to the Wool Scale (1-8)

**Weatherability**

- **Artificial**
  - Solid: dE=3.6
  - Full: dE=6.5
- **Xenon**
  - 400 hours: Metallics
dE=NA
  - dE=NA

**Heat Stability**

- 10’ - 150 °C: 5
- 10’ - 210 °C: 4

- assessment according to the Gray Scale (1-5)

**Application**

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

Note: The information herein and if materials-wise 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.

**Registration**

- MITI (Japan): 5-3169
- TSCA (USA): Registered

**Chemical Group**: Disazo
**Colour Index**: PY83
**C.I. Number**: 21108
**CAS Number**: 5567-15-7
**EC Number**: 226-939-8

**Colour Chart**

**Abstract**

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![Chemical structure of LIONOL YELLOW TT-1806G](image)

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