LIONOGEN VIOLET FG-6140

Chemical structure

Chemical properties:
- **Chemical Group**: Dioxazine
- **Colour Index**: PV23
- **C.I. Number**: 51319
- **CAS Number**: 6358-30-1
- **EC Number**: 228-767-9

Registration:
- MITI (Japan): 5-3292
- TSCA (USA): Registered

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

Key Properties:
A multi-purpose carbazole violet pigment, with a bright reddish shade, very good dispersion properties, and high colour strength.

Physical Properties:
- Bulk density (Kg/l): 0.27
- Specific surface area (m²/g): 86

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: 7
  - Reduced -1/10TiO₂: 6
  - Assessment according to the Wool Scale (1-8)

- **Weatherability**
  - Open Air: Solid
  - Okinawa: Full
  - 1 year: Metallics
  - 5/1Al: dE=0.6
  - 1/10TiO₂: dE=2.3
  - 1/10Al: dE=1.8

- **Heat Stability**
  - 10’ – 150 °C: 5
  - 10’ – 210 °C: 4.5
  - Assessment according to the Gray Scale (1-5)

Note: The information herein and materialswise 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.

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