**LIONOGEN VIOLET FG6141G**

![Chemical structure](image)

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

**Application**  
- Automotive solvent ☐  
- Automotive water ☐  
- Industrial solvent ☎  
- Decorative solvent ☎  
- Decorative water ☎  
- Powder coatings ☎  

- Recommended ☎  
- Suitable ☐

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

**Key Properties**  
A carbazole violet, with a bright reddish shade, very good dispersibility, rheological properties, and high colour strength.

**Physical Properties**  
- Bulk density (Kg/l): 0.30  
- Specific surface area (m²/g): 77

**Fastness Properties**

**Chemical Resistance**  
- Water: 5  
- Xylene: 5  
- Ethanol: 3  
- 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: 1/10TiO₂ dE=2.8  
- 1 year: Metallics 5/1Al dE=1.4  
- 1/10Al dE=3.4

**Heat Stability**  
- 10’ - 150 °C: 5  
- 10’ - 210 °C: 5  

Assessment according to the Gray Scale (1-5)

---

Note: The information herein and if 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.

---

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

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

**Physical Properties**  
- Bulk density (Kg/l): 0.30  
- Specific surface area (m²/g): 77

**Fastness Properties**

**Chemical Resistance**  
- Water: 5  
- Xylene: 5  
- Ethanol: 3  
- 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: 1/10TiO₂ dE=2.8  
- 1 year: Metallics 5/1Al dE=1.4  
- 1/10Al dE=3.4

**Heat Stability**  
- 10’ - 150 °C: 5  
- 10’ - 210 °C: 5  

Assessment according to the Gray Scale (1-5)

---

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

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

**Physical Properties**  
- Bulk density (Kg/l): 0.30  
- Specific surface area (m²/g): 77

**Fastness Properties**

**Chemical Resistance**  
- Water: 5  
- Xylene: 5  
- Ethanol: 3  
- 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: 1/10TiO₂ dE=2.8  
- 1 year: Metallics 5/1Al dE=1.4  
- 1/10Al dE=3.4

**Heat Stability**  
- 10’ - 150 °C: 5  
- 10’ - 210 °C: 5  

Assessment according to the Gray Scale (1-5)

---

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

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

**Physical Properties**  
- Bulk density (Kg/l): 0.30  
- Specific surface area (m²/g): 77

**Fastness Properties**

**Chemical Resistance**  
- Water: 5  
- Xylene: 5  
- Ethanol: 3  
- 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: 1/10TiO₂ dE=2.8  
- 1 year: Metallics 5/1Al dE=1.4  
- 1/10Al dE=3.4

**Heat Stability**  
- 10’ - 150 °C: 5  
- 10’ - 210 °C: 5  

Assessment according to the Gray Scale (1-5)

---

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

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

**Physical Properties**  
- Bulk density (Kg/l): 0.30  
- Specific surface area (m²/g): 77

**Fastness Properties**

**Chemical Resistance**  
- Water: 5  
- Xylene: 5  
- Ethanol: 3  
- 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: 1/10TiO₂ dE=2.8  
- 1 year: Metallics 5/1Al dE=1.4  
- 1/10Al dE=3.4

**Heat Stability**  
- 10’ - 150 °C: 5  
- 10’ - 210 °C: 5  

Assessment according to the Gray Scale (1-5)