LIONOL BLUE CB7803

Chemical structure

Key Properties
A modified alpha form phthalocyanine blue pigment with excellent dispersion properties, high colour strength, a very bright reddish shade and very good rheological properties.

Physical Properties
- Bulk density (Kg/l): 0.22
- Specific surface area (m²/g): 69

Fastness Properties

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

Light Fastness
- Full shade: 8
- Reduced -1/10TiO₂: 8
- Assessment according to the Wool Scale (1-8)

Weatherability
- Open Air: Full
- Okinawa: 1/10TiO₂
- 2 year: Metallics 5/1Al
- Solid: 1/10Al
- dE=0.3
- dE=2.7
- dE=2.3
- dE=3.6

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

Registration
- MITI (Japan): 5-5216
- TSCA (USA): Registered

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

Note: The information herein and from materials 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.

Chemical Group: Phthalocyanine
Colour Index: PB15:2
C.I. Number: 74160
CAS Number: 147-14-8
EC Number: 205-685-1

Registration

Physical Properties
- Bulk density (Kg/l): 0.22
- Specific surface area (m²/g): 69

Color Chart

Key Properties
A modified alpha form phthalocyanine blue pigment with excellent dispersion properties, high colour strength, a very bright reddish shade and very good rheological properties.

Physical Properties
- Bulk density (Kg/l): 0.22
- Specific surface area (m²/g): 69

Fastness Properties

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

Light Fastness
- Full shade: 8
- Reduced -1/10TiO₂: 8
- Assessment according to the Wool Scale (1-8)

Weatherability
- Open Air: Full
- Okinawa: 1/10TiO₂
- 2 year: Metallics 5/1Al
- Solid: 1/10Al
- dE=0.3
- dE=2.7
- dE=2.3
- dE=3.6

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

Registration
- MITI (Japan): 5-5216
- TSCA (USA): Registered

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

Note: The information herein and from materials 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.

Chemical Group: Phthalocyanine
Colour Index: PB15:2
C.I. Number: 74160
CAS Number: 147-14-8
EC Number: 205-685-1

Registration
- MITI (Japan): 5-5216
- TSCA (USA): Registered

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

Note: The information herein and from materials 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.

Chemical Group: Phthalocyanine
Colour Index: PB15:2
C.I. Number: 74160
CAS Number: 147-14-8
EC Number: 205-685-1

Registration
- MITI (Japan): 5-5216
- TSCA (USA): Registered

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

Note: The information herein and from materials 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.

Chemical Group: Phthalocyanine
Colour Index: PB15:2
C.I. Number: 74160
CAS Number: 147-14-8
EC Number: 205-685-1

Registration
- MITI (Japan): 5-5216
- TSCA (USA): Registered

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

Note: The information herein and from materials 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.