LIONOL BLUE ESP-S

Chemical structure

Chemical Group: Phthalocyanine
Colour Index: PB15:6
C.I. Number: 74160
CAS Number: 147-14-8
EC Number: 205-685-1

Registration
MITI (Japan) 5-3299
TSCA (USA) Registered

Application
Automotive solvent ○
Automotive water ○
Industrial solvent ○
Decorative solvent ○
Decorative water ○
Powder coatings ○

Key Properties
An epsilon form phthalocyanine blue pigment with a very bright reddish shade, high colour strength and excellent rheological properties.

Physical Properties
- Bulk density (Kg/l) 0.24
- Specific surface area (m²/g) 51

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 Full dE=1.8
- Florida 1/10TiO₂ dE=7.6
- 2 years Metallics 3/1Al dE=5.9
- 1/9Al dE=6.6

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

Note: The information herein and if materials 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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