

HANGZHOU GEECOLOR CHEMICAL CO., LTD.

Plant: Linjiang Industrial Park Xiaoshan District Hangzhou China

Office: 19F,Bldg1,Dacheng Plaza,Xiaoshan ETDZ, Hangzhou, China

Tel: +86-571-83737688 **Fax:** +86-571-83737638



TECHNICAL DATA SHEET

Product Description:

Product Name: Cyanine Blue GF15301
Color Index: Pigment Blue 15:3
C.I.No. 74160
CAS No. 147-14-8
EC No. 205-685-1
Chemical Nature: Phthalocyanine
Chemical Formula: $C_{32}H_{16}CuN_8$

Technical Properties:

Bright color, strong color strength, low viscosity, good fluidity

Application:

Recommended for offset inks

Physical Properties

| | |
|--|---------|
| Density(g/cm ³) | 1.5 |
| Moisture (%) | ≤1.0 |
| Water Soluble Matter | ≤1.0 |
| Oil Absorption (ml / 100g) | 35-45 |
| Electric conductivity (us/cm) | ≤400 |
| Residue on 325 mesh sieve (Wet method)PPM | ≤5.0 |
| Magnetic on 325 mesh sieve (Wet method)PPM | ≤8 |
| PH Value | 5.5-6.5 |

Fastness Properties (5=Excellent, 1=Poor)

| | | | |
|--------------------|---|-----------------------|-----|
| Acid Resistance | 5 | Soap Resistance | 4 |
| Alkali Resistance | 5 | Bleeding Resistance | 5 |
| Alcohol Resistance | 5 | Migration Resistance | 5 |
| Ester Resistance | 4 | Heat Resistance (°C) | 220 |
| Benzene Resistance | 5 | Light | 8 |
| Ketone Resistance | 5 | Fastness(8=Excellent) | |

Note: The above information is provided as guidelines for your reference only. The accurate effects should base on the test results in laboratory.