

# TIANKI (CHINA) ENTERPRISE CO., LTD.



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## TECHNICAL DATA SHEET

### Product Description:

Product Name:	Cyanine Blue BGS
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 <sub>32</sub> H <sub>16</sub> CuN <sub>8</sub>

### Technical Properties:

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

### Application:

Recommend: for offset inks, solvent-based inks

### Physical Properties

Density(g/cm <sup>3</sup> )	1.5-1.6
Moisture (%)	≤1.0
Water Soluble Matter	≤1.0
Oil Absorption (ml / 100g)	35-50
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	5.5-8.0

### 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)	250
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.**