

# TIANKI (CHINA) ENTERPRISE CO., LTD.



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## TECHNICAL DATA SHEET

### Product Description:

Product Name: Cyanine Blue BS  
Color Index: Pigment Blue 15:1  
C.I.No. 74160  
CAS No. 12239-87-1  
EC No. 205-685-1  
Chemical Nature: Phthalocyanine  
Chemical Formula  $C_{32}H_{16}CuN_8$

### Technical Properties:

High-transparent reddish blue pigment, high strength, great liquidity

### Application:

Recommend:water-based inks,textile printing etc

### Physical Properties

Density(g/cm <sup>3</sup> )	1.5
Moisture (%)	≤1.0
Water Soluble Matter	≤1.5
Oil Absorption (ml / 100g)	35-45
Electric conductivity (us/cm)	≤400
Residue on 325 mesh sieve (Wet method)PPM	≤80
Magnetic on 325 mesh sieve (Wet method)PPM	≤8
PH Value	6.5-7.5

### Fastness Properties ( 5=Excellent, 1=Poor)

Acid Resistance	5	Soap Resistance	5
Alkali Resistance	5	Bleeding Resistance	5
Alcohol Resistance	5	Migration Resistance	5
Ester Resistance	5	Heat Resistance (°C)	200
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.**