

# TIANKI (CHINA) ENTERPRISE CO., LTD.



Plant: Nanyang ETDZ, Xiaoshan District Hangzhou China

Tel: +86-571-82778679 Fax: +86-571-82778609 Email: sales@tkechem.com

## TECHNICAL DATA SHEET

### Product Description:

Product Name: BERLIN BLUE  
Color Index: Pigment Blue 27  
C.I.No. 77510  
CAS No. 12240-15-2  
EC No. 247-304-1  
Chemical Nature: Phthalocyanine  
Chemical Formula:  $C_6Fe_2KN_6$

### Technical Properties:

Dark blue powder, good color strength, insoluble in water, ethanol and ether

### Application:

Recommend: rubber, coatings and stationery etc.

### Physical Properties

Density(g/cm <sup>3</sup> )	1.8
Moisture (%)	≤4.0
Water Soluble Matter	≤1.0
Oil Absorption (ml / 100g)	45-55
Electric conductivity (us/cm)	≤300
Residue on 325 mesh sieve (Wet method)PPM	≤5.0
Magnetic on 325 mesh sieve (Wet method)PPM	≤8
PH Value	6.0-8.0

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

Acid Resistance	4	Soap Resistance	-
Alkali Resistance	2	Bleeding Resistance	-
Alcohol Resistance	-	Migration Resistance	-
Ester Resistance	-	Heat Resistance (°C)	140
Benzene Resistance	-	Light	7-8
Ketone Resistance	-	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.**