

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:	Cobalt Blue
Color Index:	Pigment Blue 28
C.I.No.	77346
CAS No.	1345-16-0
EC No.	310-193-6
Chemical Nature:	Cobalt/aluminum oxide
Chemical Formula	CoAl ₂ O ₄

Technical Properties:

Non-toxic, rendered inert (temperature tolerance of 1200-1200 °C); Excellent dispersibility, good resistance to light, weather, acid and alkali, chemical character etc; a Bright pure color with high tint, bright reddish blue pigment; and With functions of infrared reflection

Application:

Recommend: rubber, coatings and stationery etc.

Physical Properties

Density(g/cm ³)	3.8-5.4
Moisture (%)	≤0.5
Water Soluble Matter	≤1.0
Oil Absorption (ml / 100g)	28-37
Electric conductivity (us/cm)	-
Fineness(7500mesh)	≤1.0
PH Value	7.0-9.0

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)	1200
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.