



Loyal Chemical

# HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

Plant: Linjiang Industrial Park Xiaoshan District Hangzhou China

Office: 403, A Block, Nice Hi-Tech Park, 1117-2, Youyi Road, Guali Town, Xiaoshan, Hangzhou, China

Tel: +86 (0571) 82551299

Fax: +86 (0571) 82522228

## TECHNICAL DATA SHEET

PRODUCT NAME	PHTHALO BLUE FGX
CHEMICAL NATURE	PHTHALOCYANINE
CHEMICAL FORMULAR	C <sub>32</sub> H <sub>16</sub> CuN <sub>8</sub>
COLOR INDEX NAME	PIGMENT BLUE 15:4 (74160) NCNF β-FORM
CAS NO.	147-14-8
STRENGTH	100±2%
<b><u>PHYSICAL PROPERTIES</u></b>	
PH AQUEOUS EXTRACT	5.5-8.0
RESIDUE ON SIEVE (100 um)	≤3.0%
WATER SOLUBLE MATTER	≤2.0%
SOLUBLE IN WATER	INSOLUBLE
ODOUR	NONE
PHYSICAL FORM	DRY BLUE POWDER
SPECIFIC GRAVITY	1.60g/cm <sup>3</sup>
OIL ABSORPTION	≤58g/100g
VOLATILE AT 105°C	<3.0%
<b><u>FASTNESS PROPERTIES</u></b>	
LIGHT FASTNESS	8
HEAT FASTNESS	250°C
WATER RESISTANCE	5
OIL RESISTANCE	5
ACID RESISTANCE	5
ALKALI RESISTANCE	5
<b><u>TECHNICAL PROPERTIES</u></b>	
<b>Greenish shade, high tinting strength, low viscosity.</b>	
<b><u>APPLICATION</u></b>	
<b>It's mainly used for PA ink, NC ink, PP ink, UV ink, toluene-base ink and plastic. Suggested for paint, coating.</b>	
<b><u>NOTE</u></b>	
The above information is provided as guidelines for your reference only. The accurate effects should be based on the test results in laboratory.	