



Loyal Chemical

HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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TECHNICAL DATA SHEET

PRODUCT NAME	PHTHALO BLUE BG
CHEMICAL NATURE	PHTHALOCYANINE
CHEMICAL FORMULAR	C ₃₂ H ₁₆ CuN ₈
COLOR INDEX NAME	PIGMENT BLUE 15:3 (74160) NC β-FORM
CAS NO.	147-14-8
STRENGTH	100±2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	5.5-8.5
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	1.59g/cm ³
OIL ABSORPTION	≤85g/100g
VOLATILE AT 105°C	<3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	8
HEAT FASTNESS	230°C
WATER RESISTANCE	5
OIL RESISTANCE	5
ACID RESISTANCE	5
ALKALI RESISTANCE	5
<u>TECHNICAL PROPERTIES</u>	
Greenish shade, transparent.	
<u>APPLICATION</u>	
It's mainly used for printing ink, PVC, ABS, PS plastic, coating, paint. Suggested for RUB, fiber.	
<u>NOTE</u>	
The above information is provided as guidelines for your reference only. The accurate effects should be based on the test results in laboratory.	