



Loyal Chemical

HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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TECHNICAL DATA SHEET

PRODUCT NAME	PHTHALO BLUE B
CHEMICAL NATURE	PHTHALOCYANINE
CHEMICAL FORMULAR	C ₃₂ H ₁₆ CuN ₈
COLOR INDEX NAME	PIGMENT BLUE 15 (74160) α -FORM
CAS NO.	147-14-8
STRENGTH	100 \pm 2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	6.5-8.0
RESIDUE ON SIEVE (100 μ m)	\leq 3.0%
WATER SOLUBLE MATTER	\leq 2.0%
SOLUBLE IN WATER	INSOLUBLE
ODOUR	NONE
PHYSICAL FORM	DRY BLUE POWDER
SPECIFIC GRAVITY	1.60g/cm ³
OIL ABSORPTION	\leq 70g/100g
VOLATILE AT 105 $^{\circ}$ C	<3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	8
HEAT FASTNESS	200 $^{\circ}$ C
WATER RESISTANCE	4
OIL RESISTANCE	4
ACID RESISTANCE	4
ALKALI RESISTANCE	4
<u>TECHNICAL PROPERTIES</u>	
Reddish shade, high tinting strength.	
<u>APPLICATION</u>	
It's mainly used for printing ink, plastic.	
Suggested for water-based paint, textile printing.	
<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.	