



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 ESP
CHEMICAL NATURE	PHTHALOCYANINE
CHEMICAL FORMULAR	C ₃₂ H ₁₆ CuN ₈
COLOR INDEX NAME	PIGMENT BLUE 15:6 (74160) ε-FORM
CAS NO.	12239-87-1
STRENGTH	100±2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	6.0-7.0
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	1.55g/cm ³
OIL ABSORPTION	≤62g/100g
VOLATILE AT 105°C	<3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	7
HEAT FASTNESS	200°C
WATER RESISTANCE	4
OIL RESISTANCE	4
ACID RESISTANCE	5
ALKALI RESISTANCE	4
<u>TECHNICAL PROPERTIES</u>	
Reddish shade, high tinting strength.	
<u>APPLICATION</u>	
It's mainly used for printing ink, paint, plastic.	
<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.	