



Loyal Chemical

HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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TECHNICAL DATA SHEET

PRODUCT NAME	BENZIMIDAZOLONE YELLOW HG
CHEMICAL NATURE	BENZIMIDAZOLONE
CHEMICAL FORMULAR	C ₃₆ H ₃₂ N ₁₀ O ₈
COLOR INDEX NAME	PIGMENT YELLOW 180 (21290)
CAS NO.	77804-81-0
STRENGTH	100±2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	7.0-8.0
RESIDUE ON SIEVE (100 um)	≤3.0%
WATER SOLUBLE MATTER	≤2.0%
SOLUBLE IN WATER	INSOLUBLE
ODOUR	NONE
PHYSICAL FORM	DRY YELLOW POWDER
SPECIFIC GRAVITY	1.42g/cm ³
OIL ABSORPTION	≤45g/100g
VOLATILE AT 105℃	<3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	8
HEAT FASTNESS	290℃
WATER RESISTANCE	5
OIL RESISTANCE	5
ACID RESISTANCE	5
ALKALI RESISTANCE	5
<u>TECHNICAL PROPERTIES</u>	
Greenish shade, easy dispersing, good heat fastness, high tinting strength.	
<u>APPLICATION</u>	
It's mainly used for plastic, water-based ink, solvent-based ink, paints. Suggested for solvent-based ink, 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.	