



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	BENZIMIDAZOLONE YELLOW F2G
CHEMICAL NATURE	BENZIMIDAZOLONE
CHEMICAL FORMULAR	C ₁₈ H ₁₇ N ₅ O ₄
COLOR INDEX NAME	PIGMENT YELLOW 194 (11785)
CAS NO.	82199-12-0
STRENGTH	100±2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	5.0-6.0
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	1.47g/cm ³
OIL ABSORPTION	≤45g/100g
VOLATILE AT 105℃	<3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	5
HEAT FASTNESS	240℃
WATER RESISTANCE	5
OIL RESISTANCE	5
ACID RESISTANCE	5
ALKALI RESISTANCE	5
<u>TECHNICAL PROPERTIES</u>	
Greenish shade, high tinting strength, good migration resistance.	
<u>APPLICATION</u>	
It's mainly used for industrial coating, powder coating. Suggested for 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.	