



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	BENZIDINE YELLOW G
CHEMICAL NATURE	DIS AZO
CHEMICAL FORMULAR	$C_{32}H_{26}Cl_2N_6O_4$
COLOR INDEX NAME	PIGMENT YELLOW 12 (21090)
CAS NO.	6358-85-6
STRENGTH	100±2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	6.0-7.0
RESIDUE ON SIEVE (100 um)	≤3.0%
WATER SOLUBLE MATTER	≤2.5%
SOLUBLE IN WATER	INSOLUBLE
ODOUR	NONE
PHYSICAL FORM	DRY YELLOW POWDER
SPECIFIC GRAVITY	1.45g/cm ³
OIL ABSORPTION	≤40g/100g
VOLATILE AT 105℃	<2.0%
<u>FASTNESS PROPERTIES</u>	
LIGHTNESS	5
HEAT FASTNESS	180℃
WATER RESISTANCE	4
OIL RESISTANCE	4
ACID RESISTANCE	5
ALKALI RESISTANCE	5
<u>TECHNICAL PROPERTIES</u>	
Greenish shade, semi-transparent.	
<u>APPLICATION</u>	
It's mainly used for offset ink, water-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.	