



Loyal Chemical

HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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TECHNICAL DATA SHEET

PRODUCT NAME	BENZIDINE YELLOW 10G
CHEMICAL NATURE	DISAZO
CHEMICAL FORMULAR	$C_{36}H_{32}Cl_4N_6O_4$
COLOR INDEX NAME	PIGMENT YELLOW 81(21127)
CAS NO.	22094-93-05
STRENGTH	100 \pm 2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	6.0-7.0
RESIDUE ON SIEVE (100 μ m)	\leq 3.0%
WATER SOLUBLE MATTER	\leq 2.0%
SOLUBLE IN WATER	INSOLUBLE
ODOUR	NONE
PHYSICAL FORM	DRY YELLOW POWDER
SPECIFIC GRAVITY	1.41g/cm ³
OIL ABSORPTION	\leq 45g/100g
VOLATILE AT 105 $^{\circ}$ C	$<$ 3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	6
HEAT FASTNESS	220 $^{\circ}$ C
WATER RESISTANCE	5
OIL RESISTANCE	5
ACID RESISTANCE	5
ALKALI RESISTANCE	5
<u>TECHNICAL PROPERTIES</u>	
Greenish shade, good light fastness, good heat fastness, good solvent resistance.	
<u>APPLICATION</u>	
It's main used for industrial paint, decorative paint, powder coating, coil coating, textile printing, water based ink, offset ink, UV ink, NC ink and PVC, PU, RUB, PE. Suggested for PP, PS, PC, PA.	
<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.	