



Loyal Chemical

## HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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### TECHNICAL DATA SHEET

PRODUCT NAME	PERMANENT YELLOW GR
CHEMICAL NATURE	DISAZO
CHEMICAL FORMULAR	$C_{36}H_{34}Cl_2N_6O_4$
COLOR INDEX NAME	PIGMENT YELLOW 13 (21100)
CAS NO.	5102-83-0
STRENGTH	100 $\pm$ 2%
<b><u>PHYSICAL PROPERTIES</u></b>	
PH AQUEOUS EXTRACT	6.0-7.0
RESIDUE ON SIEVE (100 $\mu$ m)	$\leq$ 3.0%
WATER SOLUBLE MATTER	$\leq$ 2.0%
SOLUBLE IN WATER	INSOLUBLE
ODOUR	NONE
PHYSICAL FORM	DRY YELLOW POWDER
SPECIFIC GRAVITY	1.40g/cm <sup>3</sup>
OIL ABSORPTION	$\leq$ 45g/100g
VOLATILE AT 105 $^{\circ}$ C	$<$ 3.0%
<b><u>FASTNESS PROPERTIES</u></b>	
LIGHT FASTNESS	5
HEAT FASTNESS	160 $^{\circ}$ C
WATER RESISTANCE	5
OIL RESISTANCE	4
ACID RESISTANCE	5
ALKALI RESISTANCE	5
<b><u>TECHNICAL PROPERTIES</u></b>	
<b>Reddish shade, semi-transparent.</b>	
<b><u>APPLICATION</u></b>	
<b>It's mainly used for offset ink, water-based ink, textile printing and PVC, PE. Suggested for general use.</b>	
<b><u>NOTE</u></b>	
The above information is provided as guidelines for your reference only. The accurate effects should be based on the test results in laboratory.	