



Loyal Chemical

HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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TECHNICAL DATA SHEET

PRODUCT NAME	PERMANENT YELLOW GRX
CHEMICAL NATURE	DISAZO
CHEMICAL FORMULAR	$C_{36}H_{35}ClN_6O_6$
COLOR INDEX NAME	PIGMENT YELLOW 176 (21103)
CAS NO.	90268-24-9
STRENGTH	100 \pm 2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	5.0-6.0
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	1.44g/cm ³
OIL ABSORPTION	\leq 50g/100g
VOLATILE AT 105 $^{\circ}$ C	$<$ 3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	6
HEAT FASTNESS	210 $^{\circ}$ C
WATER RESISTANCE	5
OIL RESISTANCE	4
ACID RESISTANCE	5
ALKALI RESISTANCE	5
<u>TECHNICAL PROPERTIES</u>	
Reddish shade, good light fastness, high transparency.	
<u>APPLICATION</u>	
It's mainly used for printing ink. Suggested for offset ink.	
<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.	