



Loyal Chemical

HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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TECHNICAL DATA SHEET

PRODUCT NAME	PERMANENT YELLOW 5GX
CHEMICAL NATURE	MONO AZO
CHEMICAL FORMULAR	C ₁₈ H ₁₈ N ₄ O ₆
COLOR INDEX NAME	PIGMENT YELLOW 74 (11741)
CAS NO.	6358-31-2
STRENGTH	100±2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	7
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	1.40g/cm ³
OIL ABSORPTION	≤45g/100g
VOLATILE AT 105℃	<3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	7
HEAT FASTNESS	200℃
WATER RESISTANCE	5
OIL RESISTANCE	5
ACID RESISTANCE	5
ALKALI RESISTANCE	5
<u>TECHNICAL PROPERTIES</u>	
Greenish shade, Semi-transparent, high glossy, low viscosity.	
<u>APPLICATION</u>	
It's mainly used water based ink and textile paste.	
Suggested for water based decorative paint and 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.	