



Loyal Chemical

# HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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## TECHNICAL DATA SHEET

PRODUCT NAME	PERMANENT RED F2RY
CHEMICAL NATURE	MONOAZO
CHEMICAL FORMULAR	C <sub>23</sub> H <sub>15</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>2</sub>
COLOR INDEX NAME	PIGMENT RED 2(12310)
CAS NO.	6041-94-7
STRENGTH	100±2%
<b><u>PHYSICAL PROPERTIES</u></b>	
PH AQUEOUS EXTRACT	6.5-7.5
RESIDUE ON SIEVE (100 um)	≤3.0%
WATER SOLUBLE MATTER	≤2.0%
SOLUBLE IN WATER	INSOLUBLE
ODOUR	NONE
PHYSICAL FORM	DRY RED POWDER
SPECIFIC GRAVITY	1.50g/cm <sup>3</sup>
OIL ABSORPTION	≤45g/100g
VOLATILE AT 105℃	<3.0%
<b><u>FASTNESS PROPERTIES</u></b>	
LIGHT FASTNESS	6
HEAT FASTNESS	180℃
WATER RESISTANCE	4
OIL RESISTANCE	3
ACID RESISTANCE	4
ALKALI RESISTANCE	4
<b><u>TECHNICAL PROPERTIES</u></b>	
<b>Yellowish shade, high glossy, low viscosity.</b>	
<b><u>APPLICATION</u></b>	
<b>It's mainly used for textile printing, water based ink. Suggested for water based decorative paint, offset ink.</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.	