



Loyal Chemical

HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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TECHNICAL DATA SHEET

PRODUCT NAME	PERMANENT ORANGE RL
CHEMICAL NATURE	DISAZO
CHEMICAL FORMULAR	C ₃₄ H ₂₈ Cl ₂ N ₈ O ₂
COLOR INDEX NAME	PIGMENT ORANGE 34 (21115)
CAS NO.	15793-73-4
STRENGTH	100±2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	4.5-6.5
RESIDUE ON SIEVE (100 um)	≤3.0%
WATER SOLUBLE MATTER	≤2.5%
SOLUBLE IN WATER	INSOLUBLE
ODOUR	NONE
PHYSICAL FORM	DRY ORANGE POWDER
SPECIFIC GRAVITY	1.40g/cm ³
OIL ABSORPTION	≤50g/100g
VOLATILE AT 105°C	<3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	6
HEAT FASTNESS	180°C
WATER RESISTANCE	4
OIL RESISTANCE	4
ACID RESISTANCE	4
ALKALI RESISTANCE	4
<u>TECHNICAL PROPERTIES</u>	
Reddish shade, semi-transparent.	
<u>APPLICATION</u>	
It's mainly used for offset inks, NC inks, water based inks, textile printing and PVC, EVA, PE.	
Suggested for PA inks, PP inks, RUB, Fiber.	
<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.	

