



Loyal Chemical

# HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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## TECHNICAL DATA SHEET

PRODUCT NAME	PERMANENT ORANGE GRN
CHEMICAL NATURE	DISAZO
CHEMICAL FORMULAR	C <sub>34</sub> H <sub>32</sub> N <sub>6</sub> O <sub>6</sub>
COLOR INDEX NAME	PIGMENT ORANGE 34 ( 21160)
CAS NO.	6505-28-8
STRENGTH	100±2%
<b><u>PHYSICAL PROPERTIES</u></b>	
PH AQUEOUS EXTRACT	5.0-7.5
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	1.45g/cm <sup>3</sup>
OIL ABSORPTION	≤54g/100g
VOLATILE AT 105°C	<3.0%
<b><u>FASTNESS PROPERTIES</u></b>	
LIGHT FASTNESS	6
HEAT FASTNESS	160°C
WATER RESISTANCE	4
OIL RESISTANCE	4
ACID RESISTANCE	4
ALKALI RESISTANCE	4
<b><u>TECHNICAL PROPERTIES</u></b>	
<b>Reddish shade, high transparent.</b>	
<b><u>APPLICATION</u></b>	
<b>It's mainly used for offset ink, water based ink and EVA, PE, Industrial paint, water decorative paint, textile printing.</b>	
<b>Suggested for PA ink, NC ink, PP ink, PVC plastic.</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.	