



Loyal Chemical

HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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TECHNICAL DATA SHEET

PRODUCT NAME	PERMANENT YELLOW 3RP
CHEMICAL NATURE	MONOAZO
CHEMICAL FORMULAR	$C_{16}H_{10}Cl_2N_4O_7S_2Ca$
COLOR INDEX NAME	PIGMENT YELLOW 183 (18792)
CAS NO.	65212-77-3
STRENGTH	100 \pm 2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	7.0-8.0
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	1.42g/cm ³
OIL ABSORPTION	\leq 45g/100g
VOLATILE AT 105 $^{\circ}$ C	$<$ 3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	7
HEAT FASTNESS	280 $^{\circ}$ C
WATER RESISTANCE	5
OIL RESISTANCE	5
ACID RESISTANCE	5
ALKALI RESISTANCE	5
<u>TECHNICAL PROPERTIES</u>	
Reddish shade, easy dispersing, good heat resistance, good migration resistance, good weather resistance.	
<u>APPLICATION</u>	
It's mainly used for PVC, EVA, Fiber, RUB, PP, PE and powder coating. Suggested for PU, PC, PS, PA and water-decorative paint.	
<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.	