



Loyal Chemical

HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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TECHNICAL DATA SHEET

PRODUCT NAME	TOLUIDINE RED RN
CHEMICAL NATURE	MONOAZO
CHEMICAL FORMULAR	C ₁₇ H ₁₃ N ₃ O ₃
COLOR INDEX NAME	PIGMENT RED 3(12120)
CAS NO.	2425-85-6
STRENGTH	100±2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	6.0-7.0
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 ³
OIL ABSORPTION	≤45g/100g
VOLATILE AT 105℃	<3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	6
HEAT FASTNESS	160℃
WATER RESISTANCE	4
OIL RESISTANCE	5
ACID RESISTANCE	4
ALKALI RESISTANCE	3
<u>TECHNICAL PROPERTIES</u>	
Bluish shade, semi-transparent, high glossy.	
<u>APPLICATION</u>	
It's mainly used for industrial paint, decorative paint. Suggested for textile printing.	
<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.	