



HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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Loyal Chemical

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TECHNICAL DATA SHEET

PRODUCT NAME	LOYAL RED A3B
CHEMICAL NATURE	ANTHRAQUINONE
CHEMICAL FORMULAR	$C_{28}H_{16}N_2O_4$
COLOR INDEX NAME	PIGMENT RED 177 (65300)
CAS NO.	4051-63-2
STRENGTH	100±2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	7.0-7.5
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 ³
OIL ABSORPTION	≤45g/100g
VOLATILE AT 105°C	<3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	8
HEAT FASTNESS	300°C
WATER RESISTANCE	5
OIL RESISTANCE	5
ACID RESISTANCE	5
ALKALI RESISTANCE	5
<u>TECHNICAL PROPERTIES</u>	
High glossy, good light fastness, good weather resistance.	
<u>APPLICATION</u>	
It's mainly used for OEM paint(car paint), high performance plastic. Suggested for ink, 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.	