



Loyal Chemical

# HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

Plant: Linjiang Industrial Park Xiaoshan District Hangzhou China

Office: 403, A Block, Nice Hi-Tech Park, 1117-2, Youyi Road, Guali Town, Xiaoshan, Hangzhou, China

Tel: +86 (0571) 82551299

Fax: +86 (0571) 82522228

## TECHNICAL DATA SHEET

PRODUCT NAME	FAST ROSE RED
CHEMICAL NATURE	MONOAZO
CHEMICAL FORMULAR	C <sub>24</sub> H <sub>17</sub> N <sub>5</sub> O <sub>7</sub>
COLOR INDEX NAME	PIGMENT RED 23(12355)
CAS NO.	6471-49-4
STRENGTH	100±2%
<b><u>PHYSICAL PROPERTIES</u></b>	
PH AQUEOUS EXTRACT	4.5-6.6
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 <sup>3</sup>
OIL ABSORPTION	≤45g/100g
VOLATILE AT 105°C	<3.0%
<b><u>FASTNESS PROPERTIES</u></b>	
LIGHT FASTNESS	6
HEAT FASTNESS	150°C
WATER RESISTANCE	4
OIL RESISTANCE	5
ACID RESISTANCE	5
ALKALI RESISTANCE	3
<b><u>TECHNICAL PROPERTIES</u></b>	
<b>Bluish shade, high transparent, high viscosity.</b>	
<b><u>APPLICATION</u></b>	
<b>It's mainly used for paints, textile printing, offset ink, NC ink, water based ink. Suggested for PA ink, PP ink.</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.	