



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	RHDAMINE 6G LAKE
CHEMICAL NATURE	XANTHENE
CHEMICAL FORMULAR	C ₁₈ H ₃₁ N ₂ O ₃ ⁺
COLOR INDEX NAME	PIGMENT RED 81(45160)
CAS NO.	12224-98-5
STRENGTH	100±2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	7.0-8.0
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	1.60g/cm ³
OIL ABSORPTION	≤45g/100g
VOLATILE AT 105°C	<3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	4
HEAT FASTNESS	150°C
WATER RESISTANCE	4
OIL RESISTANCE	4
ACID RESISTANCE	5
ALKALI RESISTANCE	4
<u>TECHNICAL PROPERTIES</u>	
Bluish shade.	
<u>APPLICATION</u>	
It's mainly used for PA ink, PP ink and water based ink. Suggested for NC ink.	
<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.	