



Loyal Chemical

# HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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## TECHNICAL DATA SHEET

PRODUCT NAME	LOYAL RHODAMINE 6G
CHEMICAL NATURE	XANTHENE
CHEMICAL FORMULAR	C <sub>28</sub> H <sub>31</sub> N <sub>2</sub> O <sub>3</sub>
COLOR INDEX NAME	PIGMENT RED 169 (45160:2)
CAS NO.	12237-63-7
STRENGTH	100±2%
<b><u>PHYSICAL PROPERTIES</u></b>	
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	1.60g/cm <sup>3</sup>
OIL ABSORPTION	≤52g/100g
VOLATILE AT 105°C	<3.0%
<b><u>FASTNESS PROPERTIES</u></b>	
LIGHT FASTNESS	4
HEAT FASTNESS	160°C
WATER RESISTANCE	3
OIL RESISTANCE	3
ACID RESISTANCE	3
ALKALI RESISTANCE	3
<b><u>TECHNICAL PROPERTIES</u></b>	
<b>Bluish shade, high tinting strength.</b>	
<b><u>APPLICATION</u></b>	
<b>It's mainly used for offset inks.</b>	
<b>Suggested for water-base inks, PA inks, PP inks.</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.	