



Loyal Chemical

# HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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## TECHNICAL DATA SHEET

PRODUCT NAME	FAST RHODAMINE B
CHEMICAL NATURE	XANTHENE
CHEMICAL FORMULAR	C <sub>28</sub> H <sub>31</sub> N <sub>2</sub> O <sub>3</sub> <sup>+</sup>
COLOR INDEX NAME	PIGMENT VIOLET 1 (45170:2)
CAS NO.	1326-03-0
STRENGTH	100±2%
<b><u>PHYSICAL PROPERTIES</u></b>	
PH AQUEOUS EXTRACT	3.0-4.5
RESIDUE ON SIEVE (100 um)	≤3.0%
WATER SOLUBLE MATTER	≤2.0%
SOLUBLE IN WATER	INSOLUBLE
ODOUR	NONE
PHYSICAL FORM	DRY VIOLET POWDER
SPECIFIC GRAVITY	2.30g/cm <sup>3</sup>
OIL ABSORPTION	≤68g/100g
VOLATILE AT 105°C	<3.0%
<b><u>FASTNESS PROPERTIES</u></b>	
LIGHT FASTNESS	5
HEAT FASTNESS	140°C
WATER RESISTANCE	4
OIL RESISTANCE	4
ACID RESISTANCE	4
ALKALI RESISTANCE	5
<b><u>TECHNICAL PROPERTIES</u></b>	
<b>Reddish shade, high glossy.</b>	
<b><u>APPLICATION</u></b>	
<b>It's mainly used for PA inks, NC inks and water based inks.</b>	
<b>Suggested for offset inks, PP inks and UV 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.	