



Loyal Chemical

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## TECHNICAL DATA SHEET

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