



Loyal Chemical

HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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TECHNICAL DATA SHEET

PRODUCT NAME	FAST BLUE TONER R
CHEMICAL NATURE	MIYOSHI METHANE
CHEMICAL FORMULAR	$C_{29}H_{32}N_3^+$
COLOR INDEX NAME	PIGMENT BLUE 10 (44040:2)
CAS NO.	71798-70-4
STRENGTH	100±2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	5.5-6.5
RESIDUE ON SIEVE (100 um)	≤3.0%
WATER SOLUBLE MATTER	≤2.0%
SOLUBLE IN WATER	INSOLUBLE
ODOUR	NONE
PHYSICAL FORM	DRY BLUE POWDER
SPECIFIC GRAVITY	1.80g/cm ³
OIL ABSORPTION	≤69g/100g
VOLATILE AT 105°C	<3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	5
HEAT FASTNESS	180°C
WATER RESISTANCE	4
OIL RESISTANCE	4
ACID RESISTANCE	5
ALKALI RESISTANCE	4
<u>TECHNICAL PROPERTIES</u>	
Reddish shade, high glossy, high tinting strength	
<u>APPLICATION</u>	
It's mainly used for water-based ink, NC ink. Suggested for offset 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.	