



Loyal Chemical

## HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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### TECHNICAL DATA SHEET

PRODUCT NAME	FAST YELLOW G-B
CHEMICAL NATURE	MONO AZO
CHEMICAL FORMULAR	C <sub>17</sub> H <sub>16</sub> N <sub>4</sub> O <sub>4</sub>
COLOR INDEX NAME	PIGMENT YELLOW 1 (11680)
CAS NO.	2512-29-0
STRENGTH	100±2%
<b><u>PHYSICAL PROPERTIES</u></b>	
PH AQUEOUS EXTRACT	7.0
RESIDUE ON SIEVE (100 um)	≤3.0%
WATER SOLUBLE MATTER	≤2.0%
SOLUBLE IN WATER	INSOLUBLE
ODOUR	NONE
PHYSICAL FORM	DRY YELLOW POWDER
SPECIFIC GRAVITY	1.45g/cm <sup>3</sup>
OIL ABSORPTION	≤45g/100g
VOLATILE AT 105℃	<3.0%
<b><u>FASTNESS PROPERTIES</u></b>	
LIGHT FASTNESS	6
HEAT FASTNESS	160℃
WATER RESISTANCE	5
OIL RESISTANCE	5
ACID RESISTANCE	5
ALKALI RESISTANCE	5
<b><u>TECHNICAL PROPERTIES</u></b>	
<b>Greenish shade, high glossy, high tinting strength.</b>	
<b><u>APPLICATION</u></b>	
<b>It's mainly used for water based decorative paint and industrial paint. Suggested for coil coating , textile printing and solvent based decorative paint.</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.	