



Loyal Chemical

HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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TECHNICAL DATA SHEET

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| PRODUCT NAME | FAST YELLOW 10G-B |
| CHEMICAL NATURE | MONO AZO |
| CHEMICAL FORMULAR | $C_{16}H_{12}Cl_2N_4O_4$ |
| COLOR INDEX NAME | PIGMENT YELLOW 3 (11710) |
| CAS NO. | 6486-23-3 |
| STRENGTH | 100 \pm 2% |
| <u>PHYSICAL PROPERTIES</u> | |
| PH AQUEOUS EXTRACT | 7.0 |
| RESIDUE ON SIEVE (100 μ m) | \leq 3.0% |
| WATER SOLUBLE MATTER | \leq 2.0% |
| SOLUBLE IN WATER | INSOLUBLE |
| ODOUR | NONE |
| PHYSICAL FORM | DRY YELLOW POWDER |
| SPECIFIC GRAVITY | 1.60g/cm ³ |
| OIL ABSORPTION | \leq 45g/100g |
| VOLATILE AT 105 $^{\circ}$ C | $<$ 3.0% |
| <u>FASTNESS PROPERTIES</u> | |
| LIGHT FASTNESS | 7 |
| HEAT FASTNESS | 160 $^{\circ}$ C |
| WATER RESISTANCE | 5 |
| OIL RESISTANCE | 5 |
| ACID RESISTANCE | 5 |
| ALKALI RESISTANCE | 5 |
| <u>TECHNICAL PROPERTIES</u> | |
| High glossy, high tinting strength, greenish shade | |
| <u>APPLICATION</u> | |
| It's mainly used for water based decorative paint and industrial paint. Suggested for coil coating , textile printing and solvent based decorative paint. | |
| <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. | |