



Loyal Chemical

## HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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### TECHNICAL DATA SHEET

|  |                           |
|--|---------------------------|
| PRODUCT NAME   | FAST YELLOW GR            |
| CHEMICAL NATURE  | MONOAZO                   |
| CHEMICAL FORMULAR  | $C_{44}H_{38}Cl_4N_8O_6$  |
| COLOR INDEX NAME   | PIGMENT YELLOW 95 (20034) |
| CAS NO.  | 5208-80-8                 |
| STRENGTH   | 100 $\pm$ 2%              |
| <b><u>PHYSICAL PROPERTIES</u></b>  |                           |
| PH AQUEOUS EXTRACT   | 7.0-8.0                   |
| RESIDUE ON SIEVE (100 $\mu$ m)   | $\leq$ 3.0%               |
| WATER SOLUBLE MATTER   | $\leq$ 2.0%               |
| SOLUBLE IN WATER   | INSOLUBLE                 |
| ODOUR  | NONE                      |
| PHYSICAL FORM  | DRY YELLOW POWDER         |
| SPECIFIC GRAVITY   | 1.40g/cm <sup>3</sup>     |
| OIL ABSORPTION   | $\leq$ 45g/100g           |
| VOLATILE AT 105 $^{\circ}$ C   | $<$ 3.0%                  |
| <b><u>FASTNESS PROPERTIES</u></b>  |                           |
| LIGHT FASTNESS   | 6                         |
| HEAT FASTNESS  | 270 $^{\circ}$ C          |
| WATER RESISTANCE   | 5                         |
| OIL RESISTANCE   | 5                         |
| ACID RESISTANCE  | 5                         |
| ALKALI RESISTANCE  | 5                         |
| <b><u>TECHNICAL PROPERTIES</u></b>   |                           |
| <b>Reddish shade, high tinting strength.</b>   |                           |
| <b><u>APPLICATION</u></b>  |                           |
| <b>It's mainly used for ink, PVC, Fiber, EVA, PP, PE.<br/>Suggested for PU, RUB and OEM 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. |                           |