



Loyal Chemical

HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

Plant: Linjiang Industrial Park Xiaoshan District Hangzhou China

Office: 403, A Block, Nice Hi-Tech Park, 1117-2, Youyi Road, Guali Town, Xiaoshan, Hangzhou, China

Tel: +86 (0571) 82551299

Fax: +86 (0571) 82522228

TECHNICAL DATA SHEET

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|--|---|
| PRODUCT NAME | LOYAL ORANGE HL |
| CHEMICAL NATURE | BENZIMIDAZOLONE |
| CHEMICAL FORMULAR | C ₁₇ H ₁₃ ClN ₆ O ₅ |
| COLOR INDEX NAME | PIGMENT ORANGE 36 (11780) |
| CAS NO. | 12236-62-3 |
| STRENGTH | 100±2% |
| <u>PHYSICAL PROPERTIES</u> | |
| PH AQUEOUS EXTRACT | 5.5-6.5 |
| RESIDUE ON SIEVE (100 um) | ≤3.0% |
| WATER SOLUBLE MATTER | ≤1.0% |
| SOLUBLE IN WATER | INSOLUBLE |
| ODOUR | NONE |
| PHYSICAL FORM | DRY ORANGE POWDER |
| SPECIFIC GRAVITY | 1.62g/cm ³ |
| OIL ABSORPTION | 80g/100g |
| VOLATILE AT 105°C | <3.0% |
| <u>FASTNESS PROPERTIES</u> | |
| LIGHT FASTNESS | 7 |
| HEAT FASTNESS | 200°C |
| WATER RESISTANCE | 5 |
| OIL RESISTANCE | 5 |
| ACID RESISTANCE | 5 |
| ALKALI RESISTANCE | 5 |
| <u>TECHNICAL PROPERTIES</u> | |
| Reddish shade, excellent light fastness, good weather resistance, good solvent resistance. | |
| <u>APPLICATION</u> | |
| It's mainly used for paint, PA ink, UV ink and PVC, RUB, PE plastic. Suggested for fiber and PP. | |
| <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. | |