

## TECHNICAL DATA

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|                          |   |
|--------------------------|---|
| <b>Trade name</b>        | Iron oxide red  |
| <b>Type</b>              | 130S  |
| <b>Chemical name</b>     | Synthetic Fe <sub>2</sub> O <sub>3</sub> . α H <sub>2</sub> O |
| <b>Delivery form</b>     | Powder  |
| <b>Colour index</b>      | Pigment red 101 (77491)                                       |
| <b>CAS No./EC No.</b>    | 1309-37-1 / 215-168-2   |
| <b>Sales packing</b>     | In 25kg paper bag/1200kg (or 1000kg) bulk bag then palletized |
| <b>Transport/Storage</b> | Protect against weathering / Store in a dry place             |
| <b>Safety</b>            | The product is not classified as dangerous under 67/584/EEC   |

## Specifications

| Properties                                       | Unit              | Specification | Test method |
|--|-------------------|---------------|-------------|
| Contents (Fe as Fe <sub>2</sub> O <sub>3</sub> ) | %                 | 96.0 min      | ISO1248     |
| Oil absorption                                   | ml/100g           | 15~25         | ISO787-5    |
| Res. on 325 mesh                                 | %                 | 0.3 max       | ISO787-7    |
| Water soluble salts                              | %                 | 0.3 max       | ISO787-3    |
| Moisture   | %                 | 1.0 max       | ISO787-2    |
| pH value   |                   | 3 ~7          | ISO787-9    |
| Bulk density                                     | g/cm <sup>3</sup> | 0.7~1.1       | ISO787-11   |
| Specific gravity                                 | g/cm <sup>3</sup> | 5.0           | ISO787-10   |
| Tinting Strength<br>(Compared with Standard)     | %                 | 95~105        | ISO787-24   |
| Color Difference ΔE<br>(Compared with Standard)  |                   | 1.0 max       | ISO787-1    |