

浙江德清海康颜料有限公司
ZHEJIANG DEQING HAIKANG
PIGMENT CO., LTD.



TECHNICAL DATA

Edition of: 2009-01-01

| | |
|--------------------------|---|
| Trade name | Iron oxide red |
| Type | Y101 |
| Chemical name | Synthetic Fe ₂ O ₃ . α H ₂ O |
| Delivery form | Powder |
| Colour index | Pigment red 101 (77491) |
| CAS No./EC No. | 1309-37-1 / 215-168-2 |
| Sales packing | In 25kg paper bag/1200kg (or 1000kg) bulk bag then palletized |
| Transport/Storage | Protect against weathering / Store in a dry place |
| Safety | The product is not classified as dangerous under 67/584/EEC |

Specifications

| Properties | Unit | Specification | Test method |
|--|-------------------|---------------|-------------|
| Contents (Fe as Fe ₂ O ₃) | % | 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 ³ | 0.7~1.1 | ISO787-11 |
| Specific gravity | g/cm ³ | 5.0 | ISO787-10 |
| Tinting Strength (Compared with Standard) | % | 95~105 | ISO787-24 |
| Color Difference ΔE (Compared with Standard) | | 1.0 max | ISO787-1 |

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