

Technical Data Sheet**TDS****General Description**

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|----------------|---|
| Product Name | Micronized Iron Oxide Red 180M |
| Type | Red pigment, micronised |
| Chemical Class | Synthetic iron oxide α -Fe ₂ O ₃ |
| Delivery Form | Powder |
| Color Index | Pigment red 101 (77491) |
| CAS | 1309-37-1 |
| EINECS NO. | 215-168-2 |

Physical and Chemical properties

| Test Items | Specification | |
|---|-------------------|----------|
| Appearance | Bluish red powder | |
| Content of Fe ₂ O ₃ , % | 96 min. | |
| PH Value | 4.5-7.5 | |
| Shade | Close to std. | |
| Oil Absorption, % | 15-25 | |
| Residue on 320 mesh, % | 0.008 max. | |
| Water Soluble, % | 0.5 max. | |
| Volatite at 105°C, % | 0.5 max. | |
| Tinting Strength, % | 98-102 | |
| DE (compared with std.) | Full Shade | 1.0 max. |
| | Reduction | 0.8 max. |
| Conductivity, us/cm | 400 max. | |
| Heat Stability, °C | 500 | |
| Density, g/cm ³ | 5.1 | |
| Predom Particle Size, μm | 0.7 | |

Application

Widely used in paints and coatings, printing inks, plastics, master batches, leathers, rubbers, paper, corrosion protection, flooring, wood plastic composites etc..

Package

25kg bag, 1000kg big bag with pallets.

Hangzhou Epsilon Chemical Co.,Ltd.

T.: +86-571-82270817

F.: +86-571-82660715

E: info@epsilonpigments.com

W: <http://www.epsilonpigments.com>