



Laboratory Analytics

Synthetic Iron Oxide

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| Product Name: | IRON OXIDE BROWN DB660 | Lot N°: | |
| Date: | Oct. 27 th , 2004 | Quantity: | 4.000 kg |

CHEMICAL AND PHYSICAL ANALYSIS

| Properties | Unit | Specification | Value | Test Method |
|--|-------------|----------------------|--------------|--------------------|
| Fe as Fe ₂ O ₃ | % | ≥ 88.0 | 89.7 | ISO 1248 |
| Matter volatile at 105°C | % | ≤ 1.0 | 0.8 | ISO 787-2 |
| Loss on ignition (100°C, 1/2h) | % | ≤ | | DIN 55913 |
| Water soluble matter | % | ≤ 0.3 | 0.23 | ISO 787-3 |
| Conductivity | μ s/cm | | | ISO 787-14 |
| pH value | | 3↔7 | 4.1 | ISO 787-9 |
| Residue on 325 mesh | % | ≤ 0.3 | 0.18 | ISO 787-7 |
| Oil absorption | g/100g | 15↔25 | 26.5 | ISO 787-5 |
| Tinting Strength (compared with Standard) | % | 95↔105 | 101.18 | ISO 787-24 |
| Color (compared with Standard) | | | SIMILAR | ISO 787-1 |