

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

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| Product Name | Iron Oxide Brown 663 |
| Type | Brown pigment |
| Chemical Class | Synthetic iron oxide |
| Delivery Form | Powder |
| Color Index | Pigment Red 101, Pigment Yellow 42, Pigment Black 11 |
| CAS | 1309-37-1, 51274-00-1, 1317-61-9 |
| EINECS NO. | 215-168-2, 257-098-5, 215-277-5 |
| Particle Shape | Irregular |

Physical and Chemical properties

| Test Items | Specification |
|---|---------------|
| Appearance | Brown powder |
| Content of Fe ₂ O ₃ , % | 88 min. |
| PH Value | 4-7 |
| Shade | Close to std. |
| Oil Absorption, % | 20-30 |
| Residue on 325 mesh, % | 0.3 max. |
| Water soluble, % | 0.5 max. |
| Volatite at 105°C, % | 1.0 max. |
| Tinting Strength, % | 98-102 |
| DE (compared with std.) | 1 max. |

Application

Paint, coating, plastics and rubbers, leather industries, paper, concrete products, construction materials etc.

Package

25kg bag, 1000kg big bag with pallets.

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