

**Technical Data Sheet**

**TDS**

**General Description**

Product Name	Iron Oxide Red 190
Type	Red pigment
Chemical Class	Synthetic iron oxide $\alpha$ -Fe <sub>2</sub> O <sub>3</sub>
Delivery Form	Powder
Color Index	Pigment red 101 (77491)
CAS	1309-37-1
EINECS NO.	215-168-2
Particle Shape	Spherical

**Physical and Chemical properties**

Test Items	Specification
Appearance	Dark red powder
Content of Fe <sub>2</sub> O <sub>3</sub> , %	96 min.
PH Value	3-7
Shade	Close to std.
Oil Absorption, %	15-25
Residue on 320 mesh, %	0.3 max.
Water soluble, %	0.3 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, glazed ceramics, pottery and porcelain etc..

**Package**

25kg bag, 1000kg big bag with pallets.