

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

Product Name	Iron Oxide Red 180
Type	Red pigment
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
Particle Shape	Spherical

Physical and Chemical properties

Test Items	Specification
Appearance	Dark red powder
Content of Fe ₂ O ₃ , %	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.

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