

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

Product Name	Natural Iron Oxide Red
Type	Red pigment
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	
	Normal quality	Top quality
Appearance	Red iron powder	Red iron powder
Oil Absorption, g/100g	20-35	13-30
Tinctorial Power (compared with std.)	80 min.	90 min.
Water Solubles, %	1 max.	0.3 max.
Moisture, %	0.5 max.	0.5 max.
Residue (on 45 μ m mesh), %	1 max.	1 max.
Content of Fe_2O_3 , %	75 min.	80 min.
Shade (compared with std.)	The same	The same
PH Value	6-8	6-8
SiO_2 , %	7.9	
CaO , %	0.8	
Al_2O_3 , %	5.64	
MgO , %	0.32	
K_2O , %	0.13	
Na_2O , %	0.04	

Application

Mainly used in paints, building materials, magnetic materials, glass, synthesis rubbers etc..

Package

25kg bag with pallets.

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