

Technical Data Sheet

TDS

General Description

Product Name	Iron Oxide Brown 686
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.