

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

Product Name	Iron Oxide Orange 2040
Type	Orange pigment
Chemical Class	Synthetic iron hydroxide α -FeOOH, synthetic iron oxide α -Fe ₂ O ₃
Delivery Form	Powder
Color Index	Pigment Red 101, Pigment Yellow 42
CAS	1309-37-1, 51274-00-1
EINECS NO.	215-168-2, 243-746-4
Particle Shape	Irregular

Physical and Chemical properties

Test Items	Specification
Appearance	Orange powder
Content of Fe ₂ O ₃ , %	88 min.
PH Value	3-7
Shade	Close to std.
Oil Absorption, %	20-30
Residue on 325 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 etc.

Package

25kg bag, 1000kg big bag with pallets.

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