

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

Product Name	Granular Iron Oxide Brown G663
Type	Brown pigment
Chemical Class	Synthetic iron oxide
Delivery Form	Granules
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	Spherical

Physical and Chemical properties

Test Items	Specification
Appearance	Brown granules
Content of Fe ₂ O ₃ , %	89-94
PH Value	4-9
Shade	Close to std.
Oil Absorption, %	20-30
Residue on 45µm, %	0.5 max.
Water soluble, %	2.5 max.
Volatite at 105°C, %	1.0 max.
Tinting Strength, %	95-105
DE (compared with std.)	1.2 max.
Tamped apparent density, g/cm ³	1.0-1.4
Density approx. g/cm ³	4.8
Predominant particle size, mm	0.3-0.6
Particle shape	Spherical

Application

Cement, bricks, concrete lines, paints, coatings, plastics, paper and building materials

Package

25kg bag with pallets.

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