

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

Product Name	Micronized Iron Oxide Yellow 3910
Type	Yellow pigment, micronised
Chemical Class	Synthetic iron hydroxide α -FeOOH
Delivery Form	Powder
Color Index	Pigment yellow 42 (77492)
CAS	51274-00-1
EINECS NO.	257-098-5

Physical and Chemical properties

Test Items		Specification
Appearance		Yellow powder
PH Value		4.5-7.5
Shade		Close to std.
Oil Absorption, %		25-35
Residue on 320 mesh, %		0.008 max.
Water Soluble, %		0.5 max.
Volatite at 105°C, %		0.5 max.
Tinting Strength, %		98-102
DE (compared with std.)	Full Shade	1.0 max.
	Reduction	0.8 max.
Conductivity, us/cm		400 max.
Heat Stability, C°		170
Density, g/cm ³		4.1
Predom Particle Size, μ m		0.1*0.4

Application

Widely used in corrosion protection, decorative paints, emulsion paints, flooring, concrete roofing tiles, concrete masonry blocks, industrial coatings, paints and coatings, plastic coatings, plastic products, colored plastics, master batches, powder coatings, roof tile coating, wood plastic composites, printing inks, laminate papers.

Package

25kg bag with pallets.

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