

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

Product Name	Micronized Iron Oxide Red 105M
Type	Red pigment, micronised
Chemical Class	Synthetic iron oxide α -Fe ₂ O ₃
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
Appearance		Yellowish red powder
Content of Fe₂O₃, %		96 min.
PH Value		4.5-7.5
Shade		Close to std.
Oil Absorption, %		15-25
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		250
Density, g/cm³		5
Predom Particle Size, μm		0.1

Application

Widely used in paints and coatings, printing inks, plastics, master batches, leathers, rubbers, paper, corrosion protection, flooring, wood plastic composites etc..

Package

25kg bag, 1000kg big bag with pallets.

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