

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

Product Name	Micronized Iron Oxide Red 110M
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 Fe ₂ O ₃ , %	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/cm ³	5	
Predom Particle Size, μ m	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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