



Technical Data Sheet / Specification

Red 4110 for Paint



MASS TONE



TINT TONE

Technical Data Sheet /Specification- Iron Oxide Pigment			
Product name:	Red 4110		
General description			
Chemical formula:	Synthetic iron oxide α -Fe ₂ O ₃		
Type:	Red iron oxide pigment		
Colour index:	Pigment red 101 (77491)		
CAS No.:	1309-37-1		
Form:	Powder		
Hue:	Yellowish red		
Colour difference in paints :			
Mass tone	ΔE_{La} b	max 1.0	Test method: ISO787/1
Tint-tone	ΔE_{La} b	max 1.0	Test method: ISO787/16
Relative tinting strength (%)	min 95	max 105	Test method: ISO787/16
Colour difference in cement :			
ΔE_{cmc}	max 1.5		3%Concentration in cement
Relative tinting strength (%)	min 95	max 105	3%Concentration in cement
Technical data			
Fe ₂ O ₃ content (%)	min 95		Test method: ISO1248/8
Moisture (%)	max 1.0		Test method: ISO787/2
Water soluble salts (%)	max 0.3		Test method: ISO787/3
Sieve residue on 45 μ m mesh (%)	max 0.3		Test method: ISO787/7
pHvalue	min 3.5	max 8.0	Test method: ISO787/9
Oil absorption	min 15	max 25	Test method: ISO787/5

Density (g/cm ³)	approx. 5.0	Test method: ISO787/10
Apparent density (g/cm ³)	approx. 1.0	Test method: ISO787/11
Particle shade	Spherical	
Average particle size (μm)	approx. 0.1	
package	25 kg/bag with pallet	

The information in this article we offer in good faith, to whom were involved in for reference, research, comparison, in convenience of flexibly handle, and entirely your own responsibility. The practical applications by you are beyond our control, we won't undertake warranty and responsibility.