



Specification - Synox Pigment

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Product name: Black 4401

General description

Chemical formula: Synthetic iron oxide Fe_3O_4 **Type:** Black iron oxide pigment**Colour index:** Pigment black 11 (77499)**CAS NO.:** 1317-61-9 **EC NO.:** 215-277-5**Form:** Powder**Hue:** black

Colour difference in paints :

Mass tone ΔE_{abL} max 1.0
Test method: ISO787/1**Tint-tone** ΔE_{abL} 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

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Technical data

Fe ₃ O ₄ content (%)	min 90	
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 45µm mesh (%)		max 0.5
Test method: ISO787/7		
pH value	min 5.0	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 shape	cubic	
Average particle size (µm)	approx. 0.5	

Package

1MT bag
25 KG bag

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.

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