



Specification - Synox Pigment

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Product name: Yellow 5920

General description

Chemical formula: Synthetic iron oxide Fe(OH)O

Type: Yellow iron oxide pigment

Colour index: Pigment yellow 42 (77492)

CAS NO.: 51274-00-1 EC NO.: 257-098-5

Form: Powder

Hue: Bright yellow

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 ₂ O ₃ content (%)	min 50	
Test method: ISO1248/8		
Moisture (%)		max 1.0
Test method: ISO787/2		
Water soluble salts (%)		max 1.0
Test method: ISO787/3		
Sieve residue on 45µm mesh (%)		max 0.5
Test method: ISO787/7		
pH value	min 3.5	max 8.0
Test method: ISO787/9		
Oil absorption	min 30	max 45
Test method: ISO787/5		
Density (g/cm ³)	approx. 4.0	
Test method: ISO787/10		
Apparent density (g/cm ³)	approx. 0.6	
Test method: ISO787/11		
Particle shade	predominantly acicular	
Average particle size (µm)	approx. 0.1 x 0.8	

Package

600 KG bag

25 KG bag

20 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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