



Specification - Synox Pigment

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Product name: Infiniti Yellow 5920

General description

Chemical formula: 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 :

3%Concentration in cement	ΔE_{cmc}	max 1.5
Relative tinting strength (%)	min 95	max 105
3%Concentration in cement		



Technical data

Fe ₂ O ₃ content (%)	min 70	
Test method: ISO1248/8		
.....		
Moisture (%)		max 1.0
Test method: ISO787/2		
.....		
Water soluble salts (%)		max 0.5
Test method: ISO787/3		
.....		
Sieve residue on 45µm mesh (%)		max 1.0
Test method: ISO787/7		
.....		
pH value	min 3.5	max 8.0
Test method: ISO787/9		
.....		
Oil absorption	min 30	max 40
Test method: ISO787/5		
.....		
Apparent density (g/cm ³)	approx. 0.8	
Test method: ISO787/11		
.....		

Package

- 600 KG bag
- 25 KG bag
- 20 KG bag

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