



## *Specification - Synox Pigment*

**Product name:** Infiniti Yellow 5313

### 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	$\Delta E_{abL}$	max 1.0
Test method: ISO787/1		
Tint-tone	$\Delta E_{abL}$	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	$\Delta E_{cmc}$	max 1.5
Relative tinting strength (%)	min 95	max 105
3%Concentration in cement		



**Technical data**

Fe <sub>2</sub> O <sub>3</sub> 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 <sup>3</sup> )	approx. 0.8	
Test method: ISO787/11		

**Package**

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

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