



Specification - Synox Pigment

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Product name: Infiniti Black 5330

General description

Chemical formula: Iron oxide Fe₃O₄

Type: Black iron oxide pigment

Colour index: Pigment black 11 (77499)

CAS NO.: 1317-61-9 EC NO.: 215-277-5

Form: Powder

Hue: Bluish 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 :

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



Technical data

Fe ₃ O ₄ content (%)	min 75	
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 5.0	max 8.0
Test method: ISO787/9		
Oil absorption	min 15	max 25
Test method: ISO787/5		
Apparent density (g/cm ³)	approx. 1.0	
Test method: ISO787/11		

Package

- 1MT bag
- 25 KG bag

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