



Technical Data Sheet / Specification

Black 722 for Coating



MASS TONE

TINT TONE

Technical Data Sheet /Specification- Iron Oxide Pigmen			
Product name:	Black 722		
General description			
Chemical formula:	Synthetic iron oxide Fe ₃ O ₄		
Type:	Black iron oxide pigment		
Colour index:	Pigment black 11 (77499)		
CAS No.:	12227-89-3		
Form:	Powder		
Hue:	Bluish black		
Colour difference in paints :			
Mass tone	ΔE_{La} b	max 1.0	Test method: ISO787/1
Tint-tone	ΔE_{La} b	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
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 0.5		Test method: ISO787/3
Sieve residue on 45 μ m mesh (%)	max 0.1		Test method: ISO787/7
pHvalue	min 4.0	max 8.0	Test method: ISO787/9
Oil absorption	min	max 25	Test method: ISO787/5

	15	
Density (g/cm ³)	approx. 5.0	Test method: ISO787/10
Apparent density (g/cm ³)	approx. 1.0	Test method: ISO787/11
Particle shade	cubic	
Average particle size (μm)	approx. 0.10	
package	25 kg/bag with pallet	

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