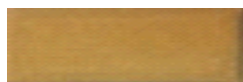




## Technical Data Sheet / Specification

### Yellow 313 for Concrete



GREY CEMENT

OFF-WHITE CEMENT

Technical Data Sheet /Specification- Iron Oxide Pigment			
<b>Product name:</b>	Yellow 313		
<b>General description</b>			
Chemical formula:	Synthetic iron oxide FeOOH		
Type:	Yellow iron oxide pigment		
Colour index:	Pigment yellow 42 (77492)		
CAS No.:	51274-00-1		
Form:	Powder		
Hue:	Reddish yellow		
<b>Colour difference in paints :</b>			
Mass tone	$\Delta E$ Lab	max 1.0	Test method: ISO787/1
Tint-tone	$\Delta E$ Lab	max 1.0	Test method: ISO787/16
Relative tinting strength (%)	min 95	max 105	Test method: ISO787/16
<b>Colour difference in cement :</b>			
$\Delta E_{cmc}$	max 1.5		3%Concentration in cement
Relative tinting strength (%)	min 95	max 105	3%Concentration in cement
<b>Technical data</b>			
Fe <sub>2</sub> O <sub>3</sub> content (%)	min 86		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 $\mu$ m mesh (%)	max 0.3		Test method: ISO787/7
pHvalue	min 3.5	max 8.0	Test method: ISO787/9
Oil absorption	min 25	max 35	Test method: ISO787/5

Density (g/cm <sup>3</sup> )	approx. 4.0	Test method: ISO787/10
Apparent density (g/cm <sup>3</sup> )	approx. 0.4	Test method: ISO787/11
Particle shade	predominantly acicular	
Average particle size (μm)	approx. 0.1×0.8	
<b>package</b>	25 kg/bag with pallet	

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.