



升华集团德清华源颜料有限公司
SHENGHUA GROUP DEQING HUAYUAN
PIGMENT CO., LTD.



TECHNICAL DATA

Edition of: 2010-12-9

Trade name	Iron oxide yellow			
Type	Y-588			
REACH	Registration No. 01-2119457554-33-0014			
Chemical name	Iron hydroxide oxide (α -FeOOH)			
Delivery form	Powder			
Colour index	Pigment yellow 42 (77492)			
CAS No./EC No.	20344-49-4 / 243-746-4			
Specifications	Contents (α -FeOOH)	%	≥ 86	ISO1248
	Oil absorption	ml/100g	25~35	ISO787-5
	Res. on 325 mesh	%	≤ 0.3	ISO787-7
	Water soluble salts	%	≤ 0.3	ISO787-3
	pH value		3~7.0	ISO787-9
	Ignition loss (1,000°C, ½ h)	%	/	DIN55913
	Specific gravity	g/cm ³	4.1	ISO787-10
	Tinting Strength (Compared with Standard)	%	95~105	ISO787-24
	Color Difference ΔE (Compared with Standard)		Similar	ISO787-1
	As	mg/kg	≤ 3.0	
	Pb	mg/kg	≤ 15.0	
	Cr	mg/kg	≤ 40.0	
	Cd	mg/kg	≤ 3.0	
	Hg	mg/kg	≤ 3.0	
Ni	mg/kg	≤ 5.0		
Sales packing	In 25kg paper bag then palletized			
Transport & Storage	Protect against weathering / Store in a dry place			
Safety	The product is not classified as hazardous under EC 1907/2006 & EC 1272/2008			

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