



HUZHOU CHIMIQUE IMP. & EXP. CO., LTD.

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TECHNICAL DATA

Product name	Iron oxide yellow 810			
Chemical name	Iron hydroxide oxide (α -FeOOH)			
Delivery form	Powder			
Color 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
	Moisture	%	≤ 1.0	ISO787-2
	pH value		3~7	ISO787-9
	Ignition loss (1,000°C 1/2h)	%	≤ 14	DIN55913
	Bulk density	g/cm ³	0.4~0.6	ISO787-11
	Specific gravity	g/cm ³	4.1	ISO787-10
	Particle size BET	μm	0.1x0.6	Electron Micrographs
	Dispersibility (Hegman)	μm	20/25/30	ISO787-20
	Tinting Strength (Compared with Standard)	%	95~105	ISO787-24
	Color Difference ΔE (Compared with Standard)		≤ 0.8	ISO787-1
Sales packing	In 25kgs paper bag / 650kg jumbo bag with palletized			
Transport & Storage	Protect against weathering / Store in a dry place			
Safety	The product is not classified as dangerous under 67/548/EC.			