



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

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TECHNICAL DATA

Product name	Iron oxide orange 960			
Chemical name	Combination of diiron trioxide, iron hydroxide oxide			
Delivery form	Powder			
Color index	Combination of Pigment red 101 and yellow 42			
CAS No./EC No.	1309-37-1, 20344-49-4/215-168-2, 243-746-4			
Specifications	Contents (Fe ₂ O ₃)	%	≥88	ISO1248
	Oil absorption	ml/100g	23~35	ISO787-5
	Res. on 325 mesh	%	≤0.3	ISO787-7
	Water soluble salts	%	≤0.3	ISO787-3
	Moisture	%	≤1.0	ISO787-2
	pH value		3.5~7	ISO787-9
	Ignition loss (1,000°C 1/2h)	%		DIN55913
	Bulk density	g/cm ³	0.4~0.6	ISO787-11
	Specific gravity	g/cm ³	4.5	ISO787-10
	Particle size BET	μm	Irregular	Electron Micrographs
	Dispersibility (Hegman)	μm		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 / 750kg 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.			