



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

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TECHNICAL DATA

Product name	Iron oxide brown 868			
Chemical name	Combination of diiron trioxide, iron hydroxide oxide, triiron tetraoxide			
Delivery form	Powder			
Color index	Combination of Pigment red 101, yellow 42 and black 11			
CAS No./EC No.	1309-37-1, 20344-49-4, 1317-61-9/215-168-2, 243-746-4, 215-277-5			
Specifications	Contents (Fe ₂ O ₃)	%	≥88	ISO1248
	Oil absorption	ml/100g	25~35	ISO787-5
	Res. on 325 mesh	%	≤0.3	ISO787-7
	Water soluble salts	%	≤0.5	ISO787-3
	Moisture	%	≤1.5	ISO787-2
	pH value		4~7	ISO787-9
	Ignition loss (1,000°C 1/2h)	%		DIN55913
	Bulk density	g/cm ³	0.6~0.9	ISO787-11
	Specific gravity	g/cm ³	4.8	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 / 1000kg 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.			