



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

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### TECHNICAL DATA

<b>Product name</b>	Iron oxide brown 841			
<b>Chemical name</b>	Combination of diiron trioxide, iron hydroxide oxide, triiron tetraoxide			
<b>Delivery form</b>	Powder			
<b>Color index</b>	Combination of Pigment red 101, yellow 42 and black 11			
<b>CAS No./EC No.</b>	1309-37-1, 20344-49-4, 1317-61-9/215-168-2, 243-746-4, 215-277-5			
<b>Specifications</b>	Contents (Fe <sub>2</sub> O <sub>3</sub> )	%	≥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 <sup>3</sup>	0.6~0.9	ISO787-11
	Specific gravity	g/cm <sup>3</sup>	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
<b>Sales packing</b>	In 25kgs paper bag / 1000kg jumbo bag with palletized			
<b>Transport &amp; Storage</b>	Protect against weathering / Store in a dry place			
<b>Safety</b>	The product is not classified as dangerous under 67/548/EC.			