



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

Add: NO.301, SECTION 1, BUILDING 8, CUIYUAN DISTRICT, WUKANG TOWN, DEQING COUNTY, ZHEJIANG PROVINCE, CHINA

Tel 86 572 8284128 Fax 86 572 8283316

Email: huzhouchimique@gmail.com

### TECHNICAL DATA

<b>Product name</b>	Iron oxide red 101			
<b>Chemical name</b>	Diiron trioxide (Fe <sub>2</sub> O <sub>3</sub> ·αH <sub>2</sub> O)			
<b>Delivery form</b>	Powder			
<b>Color index</b>	Pigment red 101 (77491)			
<b>CAS No./EC No.</b>	1309-37-1/215-168-2			
<b>Specifications</b>	Contents (Fe <sub>2</sub> O <sub>3</sub> · α H <sub>2</sub> O)	%	≥96	ISO1248
	Oil absorption	ml/100g	15~25	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)	%	≤1.0	DIN55913
	Bulk density	g/cm <sup>3</sup>	0.7~1.1	ISO787-11
	Specific gravity	g/cm <sup>3</sup>	5	ISO787-10
	Particle size BET	μm	0.1	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
<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.			