



# RONGBO

## TECHNICAL DATA SHEET

Edition of :2018-11-03

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Trade name:	Iron oxide pigment red
Type	Red Pigment
Delivery Form	Powder
Chemical Class	Synthetic iron oxide (Fe <sub>2</sub> O <sub>3</sub> ·αH <sub>2</sub> O)
Color Index	Pigment red 101 (77491)
CAS No.,	1309-37-1
EC No.	215-168-2

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### COLOR VALUES AND TINTING STRENGTH

Reference			Standard: GB
	<u>Min</u>	<u>Max</u>	<u>Test Method</u>
ΔL*	-1	+1	
Δa*	-1	+1	Chromatograph
Δb*	-1	+1	
ΔE*ab		1.0	GB/T1864
Relative tinting strength (%)	95	105	GB/T5211.19

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<b>TECHNICAL DATA</b>	<u>Min</u>	<u>Max</u>	<u>Test Method</u>
Contents(Fe <sub>2</sub> O <sub>3</sub> ·αH <sub>2</sub> O) %	95		GB/T1863-2008
Moisture(After Production) %		1.0	GB/T5211.3
Water-Soluble Salts %		0.3	GB/T5211.2
Residue on 45μm %		0.3	GB/T5211.18
PH Value	3.5	8	GB/T1717
Oil Absorption ml/100g	15	25	GB/T5211.15
Tinting Strength (Compared with standard) %	95	105	GB/T5211.19
Particle Shape		Spherical	Electron Micrographs
Predominant Particle size μm		Approx 0.1	Electron Micrographs

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**Standard Packing** In 25kg paper bag / 1000kg bulk bag, with palletized

**Transport and Storage** Protect against weathering / Store in a dry place

**Safety** The product is not classified as hazardous

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