



# RONGBO

## TECHNICAL DATA SHEET

Edition of :2018-11-03

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Trade name:	Iron oxide pigment black
Type	Black Pigment
Delivery Form	Powder
Chemical Class	Triiron Tetraoxide (Fe <sub>3</sub> O <sub>4</sub> )
Color Index	Pigment black 11 (77499)
CAS No.,	1317-61-9
EC No.	215-277-5

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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* <sub>ab</sub>		1.0	GB/T1864
Relative tinting strength (%)	95	105	GB/T5211.19

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### TECHNICAL DATA

	<u>Min</u>	<u>Max</u>	<u>Test Method</u>
Contents(Fe <sub>3</sub> O <sub>4</sub> ·αH <sub>2</sub> O) %	93		GB/T1863-2008
Moisture(After Production) %		1.0	GB/T5211.3
Water-Soluble Salts %			GB/T5211.2
Residue on 45μm %		0.3	GB/T5211.18
PH Value	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		Cube	Electron Micrographs
Predominant Particle size μm		Approx 0.2	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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