



RONGBO

TECHNICAL DATA SHEET

Edition of :2018-11-03

Trade name:	Iron oxide pigment yellow
Type	Yellow Pigment
Delivery Form	Powder
Chemical Class	Synthetic iron oxide (Fe ₂ O ₃ ·αH ₂ O)
Color Index	Pigment yellow 42 (77492)
CAS No.,	20344-49-4
EC No.	243-746-4

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

TECHNICAL DATA	<u>Min</u>	<u>Max</u>	<u>Test Method</u>
Contents(Fe ₂ O ₃ ·αH ₂ O) %	86		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	25	35	GB/T5211.15
Tinting Strength (Compared with standard) %	95	105	GB/T5211.19
Particle Shape		Acicular	Electron Micrographs
Predominant Particle size μm		Approx 0.1 × 0.8	Electron Micrographs

Standard Packing In 25kg paper bag / 600kg 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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