



The Pigment Evolution

# GOLCHHA OXIDES



Iron Oxide  
Pigment Shade Card



## WHY US ?



Golchha Oxides is central India's leading producer of Synthetic Iron Oxide Pigments (Red/Yellow/Orange) with more than 20 years of experience in the industry. Decades of experience and know how means our product have a good reputation for technical performance and quality .



## R & D



Golchha Oxides has well equipped R & D laboratory. We constantly update and develop solutions to meet ever changing needs and expectation of our customers. Our R & D is not only restricted to innovation but also improve safety of our personnel and reduce impact on the environment through initiative to control air pollution and waste water management.

## QUALITY

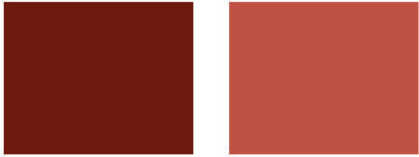
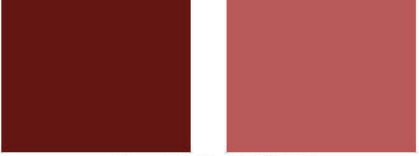
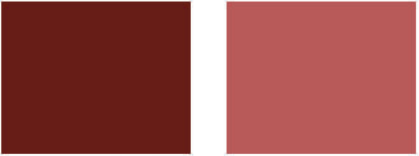
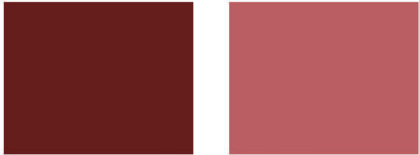
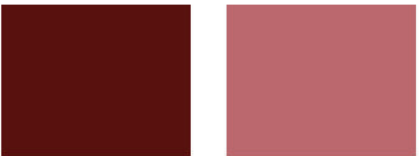

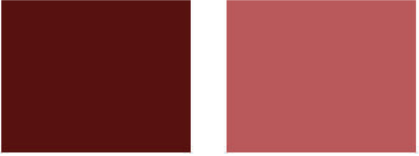
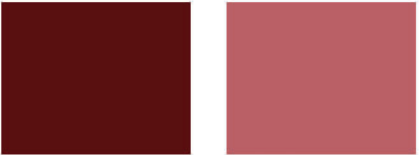


At Golchha Oxides, we have developed state of art Quality Control and reporting system at the manufacturing site. The Skilled technicians ensure each lot meets the highest international standards.


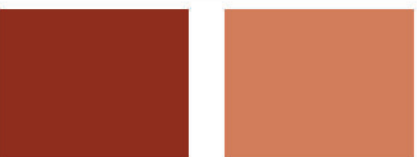
## SERVICE



Golchha Oxides offers flexibility combined with commitment to service excellence. We supply through a network of direct and indirect distributor sales channel. Our friendly , responsive and knowledgeable customer and technical team provide support to industries like construction ,coating , plastics etc.

Massstone	TiO <sub>2</sub> reduction 1:3	Fe <sub>2</sub> O <sub>3</sub> (min.%)	pH Value (range)	Oil Absorption (g/100g)	Tamped Density (gm/cm <sup>3</sup> ) (0.05+/-)	Water Soluble Matter (max.%)	325 mesh Sieve Residue (max.%)	Particle Shape	Loss on Ignition (max %)
		96-98	5.0-6.5	60-70	0.30	0.50	0.50	Spherical	< 1
Iron Oxide Red 110									
		96-98	5.0-6.5	55-65	0.35	0.50	0.50	Spherical	< 1
Iron Oxide Red 120									
		96-98	5.0-6.5	55-65	0.40	0.50	0.50	Spherical	< 1
Iron Oxide Red 301									
		96-98	5.0-6.5	50-60	0.45	0.50	0.50	Spherical	< 1
Iron Oxide Red 225									
		96-98	5.0-6.5	50-60	0.50	0.50	0.50	Spherical	< 1
Iron Oxide Red PG									
		95-97	5.0-6.5	25-30	0.70	1.00	1.00	Spherical	< 1
Iron Oxide Red 444									
		95-97	5.0-6.5	25-30	0.70	1.00	1.00	Spherical	< 1
Iron Oxide Red 445									
		95-97	5.0-6.5	25-30	0.70	1.00	1.00	Spherical	< 1
Iron Oxide Red 446									

Note: Though we have tried to come closest to the actual shades of pigments while depicting on this shade card, however customer are requested to treat them as guidelines only.

Massstone	TiO <sub>2</sub> reduction 1:3	Fe <sub>2</sub> O <sub>3</sub> (min.%)	pH Value (range)	Oil Absorption (g/100g)	Tamped Density (gm/cm <sup>3</sup> ) (0.05+/-)	Water Soluble Matter (max.%)	325 mesh Sieve Residue (max.%)	Particle Shape	Loss on Ignition (max %)
	Iron Oxide Red 473	95-97	5.0-6.5	20-25	1.00	1.00	1.00	Spherical	< 1
	Iron Oxide Red 449	95-97	5.0-6.5	15-20	1.20	1.20	1.00	Spherical	< 1
	Iron Oxide Red 325	95-97	5.0-6.5	30-40	0.60	1.00	1.00	Irregular	< 1
	Iron Oxide Red 425	95-97	5.0-6.5	25-30	0.65	1.00	1.00	Irregular	< 1
	Iron Oxide Red 1600	95-97	5.0-6.5	40-50	0.85	1.00	1.00	Irregular	< 1
	Iron Oxide Yellow 825	86-88	5.0-6.5	50-60	0.23	0.50	0.50	Acicular	< 12
	Iron Oxide Yellow 925	86-88	5.0-6.5	40-50	0.27	0.50	0.50	Acicular	< 12
	Iron Oxide Orange 4960	90-92	5.0-6.5	40-50	0.32	0.50	0.50	Mixed	< 8

Note : Technical Data are given in good faith for reference. You are suggested to test sample of our product to determine suitability for your process and application



## Technical Properties

Excellent lightfastness,  
weatherfastness and permanence

Highly opaque with excellent hiding  
power

Universal compatibility across  
reactive and non reactive binders  
and curing agents

Universal compatibility in solvent and  
aqueous formulation and oil and  
water artist colors

Readily dispersible

## Sustainable Development

Competitive Prices

Colour Matching Facility

Innovation on Technology

Widest range of Shades

Eco-Friendly



## Well Equipped Labs

Spectrophotometer

Vibro Shaker

Muller



## Consistent Quality Assurance

ISO 9001 : 2008 Certified

Product Quality that Conforms to  
IS 44:1991 specification

In Process and Final Quality Check for  
every batch

Batch to Batch Consistency

## ▼ Product Application



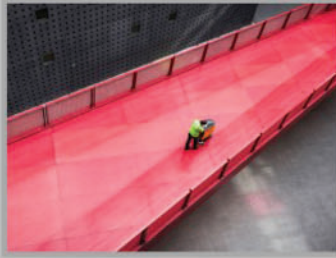
Pigment for coatings & paints



Pigment for plastics and rubber



Pigment for asphalt



Pigment for flooring



Pigment for ceramic



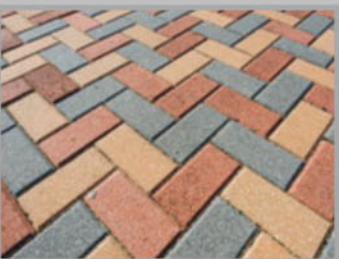
Pigment for leather



Pigment for feed



Pigment for friction material



Pigment for construction



Pigment for paper



## CONTACT US

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