



# Iron Oxide

**Iron Oxide** is a high-purity pigment and industrial compound widely used in construction, coatings, plastics, ceramics, and various chemical processes. Known for its strong tinting strength, excellent UV resistance, and chemical stability, Iron Oxide is available in a range of colors including red, yellow, black, and brown. Our product meets global quality standards and is suitable for both industrial and decorative applications.

## Yellow Oxide

Sample	Fe2O3	CL	SiO 2	MnO	Al2O3	ZnO	Na2O	K2O	CaO	MgO	P2O5	SO3	L.O.I.
1	75.66	1.03	7.5	0.25	1.25	0.05	0.65	0.19	0.69	0.34	0.48	0.9	10.2
2	82.01	0.42	4.9	0.28	0.24	0.04	0.28	0.06	0.34	0.44	0.33	1.2	8.9
3	84.06	0.25	1.08	0.06	0.36	0.05	0.33	0.04	0.15	0.19	0.33	0.98	12.1
4	77.8	0.72	1.11	0.05	0.29	0.04	0.74	0.1	0.18	0.55	0.15	3.52	14.7

## Red Oxide

Sample	Fe2O3	Al2O3	Fe2O3	CaO	MgO	TiO3	P2O3	MnO	SO3	c-	L.O.I.	Total
Aswan	13.6	4.66	71.31	3.26	0.32	0.24	1.93	0.17	0.35	0.12	12.1	99.98

## Oasis Red Oxide

Sample	Fe		Fe2O3		Cl	MnO	Al2O3	BaO	P2O5	ZnO	S	CaO	K2O & Na2O
1	41	45	58.63	64.35	20	0.3	1.7	0.15	0.74	0.2	0.86	1.9	0.3
2	51.5	52.5	73.6	75.1	8.5	0.6	2.3	2	0.5	0.2	0.7	1.1	0.6
3	45	49	64.35	70.07	13.5	0.6	7	0.58	0.31	0.28	0.5	2	1

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