

Technical Data

	Type	Fe ₂ O ₃ (%)	Oil absorption (ml/100g)	Res. on 325 mesh (%)	Water sol. Salts (%)	Moisture (%)	pH value	Tamped apparent density g/cm ³	Particle shape	ΔE compared with std.	Tinting strength (%)
Iron Oxide Red	101	≥96	15-25	≤0.3	≤0.3	≤1.0	3-7	0.7-1.1	spherical	≤1	95-105
	110	≥96	15-25	≤0.3	≤0.3	≤1.0	3-7	0.7-1.1	spherical	≤1	95-105
	120	≥96	15-25	≤0.3	≤0.3	≤1.0	3-7	0.7-1.1	spherical	≤1	95-105
	130	≥96	15-25	≤0.3	≤0.3	≤1.0	3-7	0.7-1.1	spherical	≤1	95-105
	140	≥96	15-25	≤0.3	≤0.3	≤1.0	3-7	0.9-1.3	spherical	≤1	95-105
	160	≥96	15-25	≤0.3	≤0.3	≤1.0	3-7	1.0-1.4	spherical	≤1	95-105
	180	≥96	15-25	≤0.3	≤0.3	≤1.0	3-7	1.3-1.7	spherical	≤1	95-105
	190	≥96	15-25	≤0.3	≤0.3	≤1.0	3-7	0.7-1.1	spherical	≤1	95-105
Iron Oxide Yellow	311	≥86	25-35	≤0.3	≤0.3	≤1.0	3-7	0.4-0.6	acicular	≤1	95-105
	313	≥86	25-35	≤0.3	≤0.3	≤1.0	3-7	0.4-0.6	acicular	≤1	95-105
	586	≥86	25-35	≤0.3	≤0.3	≤1.0	3-7	0.4-0.6	acicular	≤1	95-105
	810	≥86	25-35	≤0.3	≤0.3	≤1.0	3-7	0.4-0.6	acicular	≤1	95-105
Iron Oxide Orange	2040	≥88	20-30	≤0.3	≤0.3	≤1.0	3-7	0.4-0.6	irregular	≤1	95-105
	960	≥88	20-30	≤0.3	≤0.3	≤1.0	3-7	0.4-0.6	irregular	≤1	95-105
Iron Oxide Black	318	≥90	15-25	≤0.5	≤0.5	≤1.5	5-8	0.8-1.2	spherical	≤1	95-105
	330	≥90	15-25	≤0.5	≤0.5	≤1.5	5-8	0.9-1.3	spherical	≤1	95-105
	740	≥90	15-25	≤0.5	≤0.5	≤1.5	5-8	0.9-1.3	spherical	≤1	95-105
	750	≥90	15-25	≤0.5	≤0.5	≤1.5	5-8	0.8-1.2	spherical	≤1	95-105
Iron Oxide Brown	841	≥88	20-30	≤0.3	≤0.5	≤1.0	4-7	0.7-1.1	irregular	≤1	95-105
	610	≥88	20-30	≤0.3	≤0.5	≤1.0	4-7	0.7-1.1	irregular	≤1	95-105
	663	≥88	20-30	≤0.4	≤0.5	≤1.0	4-7	0.8-1.2	irregular	≤1	95-105
	686	≥88	20-30	≤0.3	≤0.5	≤1.0	4-7	0.8-1.2	irregular	≤1	95-105
Compound Ferric Green	835		25-35	≤0.3	≤2.0	≤1.0	≥6.0	0.4-0.8	irregular	≤1	95-105
	5605		25-35	≤0.3	≤2.0	≤1.0	≥6.0	0.4-0.8	irregular	≤1	95-105

Whilst all reasonable care has been taken in the brochure, the technical data and colour shade are given in good faith. Our advice is only for your reference, and does not release you from the obligation to test and determine the suitability for your processes and applications. The application and processing of our products and the products manufactured by you are beyond our control and therefore, entirely your own responsibility, no warranty or guarantee is given by us.

Full shade

ZnO Reduction

Full shade

ZnO Reduction

Iron Oxide Red



101



101



140



140



110



110



160



160



120



120



180



180



130



130



190



190

Iron Oxide Yellow



311



311



586



586



313



313



810



810

Full shade

ZnO Reduction

Full shade

ZnO Reduction

Iron Oxide Black



318



318



740



740



330



330



750



750

Iron Oxide Orange



960



960



2040



2040

Iron Oxide Brown



610



610



686



686



663



663



841



841

Compound Ferric Green



835



835



5605



5605