Full Range of Colours

A full range of high quality Synthetic Iron Oxide Red, Yellow, Orange, Brown & Black are available. These pigments are available in more than two dozen shades - the most popular of which are detailed on our colour charts. So whatever project that you have on the drawing board, we can work with you to transform your concept of colors and effect into reality.

Grade	Mass Tone	Reduced Tone 1:3 Titanium Dioxide in Alkyd Medium	Fe_2O_3 (%)	pH Value of Aqueous Extract	Oil Absorption (%)	Tamped Density (gm / cm^3)	Residue on 325 Mesh Sieve 45 Microns (%Max)	Water Soluble Matter (% Max)	Particle Shape	Loss on Ignition (%)	Tinting Strength (%)
Synthetic Iron Oxide Yellow - Pigment Yellow 42, Colour Index No: 77492											
825			86-88	4.5-6.5	50-60	0.3-0.5	0.50	0.50	Acicular	≤12	95~105
925			86-88	4.5-6.5	50-60	0.3-0.5	0.50	0.50	Acicular	≤12	95~105
Synthetic Iron Oxide Orange - Combination of Colour Index No: 77492 & 77491											
G4960			90-92	4.5-6.5	40-50	0.4-0.6	0.50	0.50	Irregular	≤8	95~105
Synthetic Iron Oxide Red - Pigment Red 101, Colour Index No: 77491											
120			96-98	4.5-6.5	40-50	0.4-0.6	0.50	0.50	Spherical	≤1	95~105
301			96-98	4.5-6.5	40-50	0.4-0.6	0.50	0.50	Spherical	≤1	95~105
225			96-98	4.5-6.5	30-40	0.4-0.6	0.50	0.50	Spherical	≤1	95~105
PG			96-98	4.5-6.5	30-40	0.4-0.6	0.50	0.50	Spherical	≤1	95~105
325			96-98	4.5-6.5	20-30	0.6-0.8	1.00	0.50	Irregular	≤1	95~105
425			96-98	4.5-6.5	20-30	0.6-0.8	1.00	0.50	Irregular	≤1	95~105

Grade	Mass Tone	Reduced Tone 1:3 Titanium Dioxide in Alkyd Medium	Fe_2O_3 (%)	pH Value of Aqueous Extract	Oil Absorption (%)	Tamped Density (gm / cm^3)	Residue on 325 Mesh Sieve 45 Microns (% Max)	Water Soluble Matter (% Max)	Particle Shape	Loss on Ignition (%)	Tinting Strength (%)
Synthetic Iron Oxide Red - Pigment Red 101, Colour Index No: 77491											
1600			96-98	4.5-6.5	15-25	0.6-0.8	1.00	0.50	Spherical	≤1	95~105
1600S			96-98	6.5-7.5	15-25	0.6-0.8	1.00	0.50	Spherical	≤1	95~105
1700			93-95	7.0-9.0	15-25	0.6-0.8	1.00	0.50	Spherical	≤1	95~105
445			95-97	6.0-8.0	15-25	0.6-0.8	1.00	0.50	Spherical	≤1	95~105
473			95-97	6.0-8.0	10-20	0.7-0.9	1.00	0.50	Spherical	≤1	95~105
446			95-97	6.0-8.0	10-20	0.7-0.9	1.00	0.50	Spherical	≤1	95~105
449			95-97	6.0-8.0	10-20	0.8-1.0	1.00	0.50	Spherical	≤1	95~105
G100			96-98	3.5-7.0	15-25	0.9-1.1	0.30	0.40	Spherical	≤1	95~105
G110			96-98	3.5-7.0	15-25	0.9-1.1	0.30	0.40	Spherical	≤1	95~105
G130			96-98	3.5-7.0	15-25	0.9-1.1	0.30	0.40	Spherical	≤1	95~105
G140			96-98	3.5-7.0	15-25	0.9-1.1	0.30	0.40	Spherical	≤1	95~105

Grade	Mass Tone	Reduced Tone 1:3 Titanium Dioxide in Alkyd Medium	Fe_2O_3 (%)	pH Value of Aqueous Extract	Oil Absorption (%)	Tamped Density (gm / cm^3)	Residue on 325 Mesh Sieve 45 Microns (%Max)	Water Soluble Matter (% Max)	Particle Shape	Loss on Ignition (%)	Tinting Strength (%)
Synthetic Iron Oxide Brown - Combination of Colour Index No: 77491, 77492 & 77499											
610			90-92	4.5-7.0	30-40	0.6-0.8	0.50	0.50	Irregular	≤5	95~105
841			94-96	4.5-7.0	15-25	0.8-1.0	0.50	0.50	Irregular	≤1	95~105
Synthetic Iron Oxide Black - Pigment Black 15, Colour Index No: 77499											
G330			90-92 Fe_3O_4	5.0-8.0	15-25	0.9-1.1	0.50	0.50	Spherical	≤1	95~105

Grade	Mass Tone	Reduced Tone 1:3 Titanium Dioxide in Alkyd Medium	Fe_2O_3 (%)	pH Value of Aqueous Extract	Oil Absorption (%)	Tamped Density (gm / cm^3)	% above 10 microns (Range 3-10 microns)	Water Soluble Matter (% Max)	Particle Shape	Loss on Ignition (%)	Tinting Strength (%)
Micronised Series - Synthetic Iron Oxide											
1600M			96-98	6.0-8.0	15-25	1.1-1.3	**0.50**	0.50	Spherical	≤1	95~105
1800M			96-98	6.0-8.0	15-25	1.1-1.3	**0.50**	0.50	Spherical	≤1	95~105
445M			95-97	6.0-8.0	15-25	1.0-1.2	**0.50**	0.50	Spherical	≤1	95~105
473M			95-97	6.0-8.0	10-20	1.0-1.2	**0.50**	0.50	Spherical	≤1	95~105
101M			95-97	6.0-8.0	15-25	0.9-1.1	**0.50**	0.50	Spherical	≤1	95~105