

Product Information

Standard Grade Synthetic Oxide pigments

Edition : 2010-06-28

Synthetic Oxides pigments from GREEFIELD are high-quality inorganic color pigments suitable for a wide range of demanding colorant applications. Typical applications include masonry block, bricks, paving slabs, brick paver, roof tiles, architectural, ready-mix concrete, sand-lime bricks & walling blocks, landscape mulches, coating, paper & plastic. Colors ranges include red, yellow, black, orange, green, blue, brown, cement black, grey, white etc. As with all GREEFIELD products the Synthetic Oxides Pigments are produced to strict quality tolerances. Our products yield reliable performance properties which offer outstanding light fastness, opacity, chemical resistance, heat stability, exterior durability and compatibility.

Type / Code	Tamped Density [g/cm ³]	Matter Volatile at 105 ⁰ C [%]	Matter Soluble in Water [%]	Oil Absorption [g/100g]	Residue on 45 μm Mesh [%]	pH Value
Red Iron Oxide						
105	0.9 ~ 1.1	≤ 0.5	≤ 0.5	≤ 25	≤ 0.5	4.5 ~ 7.0
101	0.9 ~ 1.1	≤ 0.5	≤ 0.5	≤ 25	≤ 0.5	4.5 ~ 7.0
7101	0.9 ~ 1.1	≤ 0.5	≤ 0.5	≤ 25	≤ 0.5	4.5 ~ 7.0
110	0.9 ~ 1.1	≤ 0.5	≤ 0.5	≤ 25	≤ 0.5	4.5 ~ 7.0
120	0.9 ~ 1.1	≤ 0.5	≤ 0.5	≤ 25	≤ 0.5	4.5 ~ 7.0
130	1.0 ~ 1.2	≤ 0.5	≤ 0.5	≤ 25	≤ 0.5	4.5 ~ 7.0
130S	1.0 ~ 1.2	≤ 0.5	≤ 0.5	≤ 25	≤ 0.5	4.5 ~ 7.0
140	1.0 ~ 1.2	≤ 0.5	≤ 0.5	≤ 25	≤ 0.5	4.5 ~ 7.0
160	1.1 ~ 1.3	≤ 0.5	≤ 0.5	≤ 25	≤ 0.5	4.5 ~ 7.0
180	1.1 ~ 1.3	≤ 0.5	≤ 0.5	≤ 25	≤ 0.5	4.5 ~ 7.0
186	1.1 ~ 1.3	≤ 0.5	≤ 0.5	≤ 25	≤ 0.5	4.5 ~ 7.0
190	1.0 ~ 1.2	≤ 1.0	≤ 1.0	≤ 25	≤ 0.5	4.5 ~ 7.0
225	1.0 ~ 1.2	≤ 1.0	≤ 1.0	≤ 25	≤ 0.5	4.5 ~ 7.0
Yellow Iron Oxide						
313	0.4 ~ 0.6	≤ 0.5	≤ 0.5	≤ 35	≤ 0.5	4.5 ~ 7.0
420	0.4 ~ 0.6	≤ 0.5	≤ 0.5	≤ 35	≤ 0.5	4.5 ~ 7.0
490A	0.4 ~ 0.6	≤ 0.5	≤ 0.5	≤ 35	≤ 0.5	4.5 ~ 7.0
586	0.4 ~ 0.6	≤ 0.5	≤ 0.5	≤ 35	≤ 0.5	4.5 ~ 7.0
810	0.4 ~ 0.6	≤ 0.5	≤ 0.5	≤ 35	≤ 0.5	4.5 ~ 7.0
920	0.4 ~ 0.6	≤ 0.5	≤ 0.5	≤ 35	≤ 0.5	4.5 ~ 7.0
Black Iron Oxide						
318	0.9 ~ 1.1	≤ 1.0	≤ 0.5	≤ 25	≤ 0.5	5.0 ~ 8.0
330	0.9 ~ 1.1	≤ 1.0	≤ 0.5	≤ 25	≤ 0.5	5.0 ~ 8.0
350	0.9 ~ 1.1	≤ 1.0	≤ 0.5	≤ 25	≤ 0.5	5.0 ~ 8.0
722B	0.9 ~ 1.1	≤ 1.0	≤ 0.5	≤ 25	≤ 0.5	5.0 ~ 8.0
750	0.9 ~ 1.1	≤ 1.0	≤ 0.5	≤ 25	≤ 0.5	5.0 ~ 8.0
770A	0.8 ~ 1.0	≤ 1.0	≤ 0.5	≤ 35	≤ 0.5	5.0 ~ 8.0
780	0.9 ~ 1.1	≤ 1.0	≤ 0.5	≤ 25	≤ 0.5	5.0 ~ 8.0
790A	0.8 ~ 1.0	≤ 1.0	≤ 0.5	≤ 35	≤ 0.5	5.0 ~ 8.0
8050	0.8 ~ 1.0	≤ 1.0	≤ 0.5	≤ 35	≤ 0.5	5.0 ~ 8.0

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Orange Iron Oxide						
365	0.5 ~ 0.7	≤ 1.0	≤ 0.5	≤ 30	≤ 0.5	4.5 ~ 7.0
960	0.5 ~ 0.7	≤ 1.0	≤ 0.5	≤ 30	≤ 0.5	4.5 ~ 7.0
2040	0.5 ~ 0.7	≤ 1.0	≤ 0.5	≤ 30	≤ 0.5	4.5 ~ 7.0
Beige Iron Oxide						
965	1.0 ~ 1.2	≤ 1.0	≤ 0.5	≤ 30	≤ 0.5	5.5 ~ 7.0
980	1.0 ~ 1.2	≤ 1.0	≤ 0.5	≤ 25	≤ 0.5	5.5 ~ 7.0
Brown Iron Oxide						
590	0.8 ~ 1.0	≤ 1.0	≤ 0.5	≤ 25	≤ 0.5	4.5 ~ 7.0
610	0.8 ~ 1.0	≤ 1.0	≤ 0.5	≤ 25	≤ 0.5	4.5 ~ 7.0
640	0.9 ~ 1.1	≤ 1.0	≤ 0.5	≤ 25	≤ 0.5	4.5 ~ 7.0
663	1.0 ~ 1.2	≤ 1.0	≤ 0.5	≤ 25	≤ 0.5	4.5 ~ 7.0
686	1.0 ~ 1.2	≤ 1.0	≤ 0.5	≤ 25	≤ 0.5	4.5 ~ 7.0
Green Oxide Pigments						
GX	1.1 ~ 1.4	≤ 0.5	≤ 0.5	≤ 20	≤ 0.5	5.0 ~ 8.0
GN	1.1 ~ 1.4	≤ 0.5	≤ 0.5	≤ 20	≤ 0.5	5.0 ~ 8.0
GM	1.1 ~ 1.4	≤ 0.5	≤ 0.5	≤ 25	≤ 0.008	5.0 ~ 8.0
835	0.8 ~ 1.0	≤ 1.0	≤ 2.0	≤ 30	≤ 0.5	7.0 ~ 9.0
5605	0.8 ~ 1.0	≤ 1.0	≤ 2.0	≤ 30	≤ 0.5	7.0 ~ 9.0
Blue Oxide Pigments						
462	1.1 ~ 1.2	≤ 1.0	≤ 1.0	≤ 25	≤ 0.5	7.0 ~ 9.0
882	0.8 ~ 1.0	≤ 1.0	≤ 2.0	≤ 30	≤ 0.5	7.0 ~ 9.0
886	0.8 ~ 1.0	≤ 1.0	≤ 2.0	≤ 30	≤ 0.5	7.0 ~ 9.0
8707	0.8 ~ 1.0	≤ 1.0	≤ 2.0	≤ 30	≤ 0.5	7.0 ~ 9.0
Cement Carbon Black Pigments						
HM50	0.7 ~ 0.9	≤ 1.0	≤ 0.5	≤ 35	≤ 0.05	5.5 ~ 7.5
9635	0.7 ~ 0.9	≤ 1.0	≤ 0.5	≤ 35	≤ 0.05	5.5 ~ 7.5
9675	0.7 ~ 0.9	≤ 1.0	≤ 0.5	≤ 35	≤ 0.05	5.5 ~ 7.5
9770	0.7 ~ 0.9	≤ 1.0	≤ 0.5	≤ 35	≤ 0.05	5.5 ~ 7.5
Grey Micaceous Oxide Pigments						
9280	0.9 ~ 1.0	≤ 1.0	≤ 0.5	≤ 15	≤ 0.5	5.5 ~ 7.5
6500	0.9 ~ 1.0	≤ 1.0	≤ 0.5	≤ 25	≤ 0.05	5.5 ~ 7.5
White Oxide Pigments						
A9100	0.9 ~ 1.0	≤ 1.0	≤ 0.5	≤ 25	≤ 0.001	6.0 ~ 8.0
R9269	0.9 ~ 1.0	≤ 1.0	≤ 0.5	≤ 25	≤ 0.001	6.0 ~ 8.0

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