

# Product Information

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## 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, architectural, ready-mix concrete, roof tiles, sand-lime bricks and walling blocks, coating, paper and 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 <sup>3</sup> ]	Matter Volatile at 105°C [ % ]	Matter Soluble in Water [ % ]	Oil Absorption [ g/100g ]	Residue on 45 µm Mesh [ % ]	pH Value
<b>Red Iron Oxide</b>						
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
<b>Yellow Iron Oxide</b>						
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
<b>Black Iron Oxide</b>						
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
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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<b>Orange Iron Oxide</b>						
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
<b>Beige Iron Oxide</b>						
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
<b>Brown Iron Oxide</b>						
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
<b>Green Oxide Pigments</b>						
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
<b>Blue Oxide Pigments</b>						
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
<b>Cement Black Pigments</b>						
HS50	0.7 ~ 0.9	≤ 1.0	≤ 0.5	≤ 35	≤ 0.05	5.5 ~ 7.5
6631	0.7 ~ 0.9	≤ 1.0	≤ 0.5	≤ 35	≤ 0.05	5.5 ~ 7.5
9970	0.7 ~ 0.9	≤ 1.0	≤ 0.5	≤ 35	≤ 0.05	5.5 ~ 7.5
<b>Grey Micaceous Oxide Pigments</b>						
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
<b>White Oxide Pigments</b>						
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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