

# Product Information

Page 1 of 2

## 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 <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

# Product Information

Page 2 of 2

## Standard Grade Synthetic Oxide pigments

Edition : 2010-06-28

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>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>						
HM50	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
9675	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

The information presented in this brochure is given in good faith and is accurate to the best knowledge of GREEFIELD. Since the application process and conditions of use of our products are beyond our control, all recommendations and suggestions are made without guarantee. We make no implied warranty of merchantability, or fitness for a particular purpose. The user has an obligation to test the products to confirm their suitability for the intended use.

Zhejiang Greefield Industry Co.,Ltd.

Skype ID: [Greefield@outlook.com](mailto:Greefield@outlook.com)

ADD: NO.:1388, WEST OF SECOND RING ROAD, DEVELOPMENT ZONE, HUZHOU 313001 ZHEJIANG , P.R.CHINA.

TELE: +8657 2220 6669 TFAX: +8657 2228 6669 E-mail: [Vip@Greefield.com](mailto:Vip@Greefield.com) WEB: <http://www.Greefield.com>