



BOLYCOLOR PIGMENTS CO.,LTD.

ADD: NO.1333 LONGWAN MTN, DEVELOPMENT ZONE HUZHOU 313001 ZHEJIANG,P.R.CHINA

TELE : + 8657 2226 7567 TFAX : + 8657 2226 8567 WEB : [Http://www.bolycolor.com/](http://www.bolycolor.com/)

PRODUCTS INTRODUCE GUIDE

1. PRODUCTS NAME:

IRON OXIDE Red / Black / Yellow / Green, SYNTHETICAL IRON OXIDE Red / Black / Yellow / Green, FERRIC OXIDE Red / Black / Yellow / Green Pigments.

2. PHYSICAL & CHEMYMIC DATA:

2.1.a. CAS No.: 1309-37-1, C.I. Pigment Red 101 (77491)

2.1.b. Molecular weight: 159.69

2.1.c. Molecular formula: Fe₂O₃

2.2.a. CAS No.: 1317-61-9, C.I. Pigment Black 11 (77499)

2.2.b. Molecular weight : 231.53

2.2.c. Molecular formula: Fe₃O₄ (FeO*Fe₂O₃)

2.3.a. CAS No.: 20344-49-4, C.I. Pigment Yellow 42 (77492)

2.3.b. Molecular weight: 177.71

2.3.c. Molecular formula: Fe₂O₃.H₂O (α -FeOOH)

2.4.a. CAS No.: 20344-49-4, Mixture of C.I. Pigment Yellow 42 (77492)

2.4.b. Molecular weight: (Unfixed)

2.4.c. Molecular formula: Fe₂O₃.xH₂O

3. APPEARRANCE & ODOR:

3.1. BROWN-RED POWDER, WEAK ODOR, colors shade/range from yellowish red tone to blueish red tone;

3.2. BLACK POWDER, WEAK ODOR, colors shade/range from from reddish black tone change to blueish black tone;

3.3. YELLOW POWDER, WEAK ODOR, colors shade/range shade from bright-yellowish tone changed to reddish-yellow tone;

3.4. GREEN POWDER, WEAK ODOR, from light green to deep green tone.

4. APPLICATIONS OF PRODUCTS:

Synthetic Oxides pigments from BOLYCOLOR 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.

Synthetic Oxides Pigments of BOLYCOLOR 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.