

## Technical Data Sheet.

Product Name	:	Black Iron Oxide.
Product Number	:	P3408.
Appearance	:	Fine Black Powder. ( Magnetite)
CAS No.	:	1317-61-9
EINECS No.	:	215-277-5
Chemical Formula	:	Fe <sub>2</sub> O <sub>4</sub>

### Typical Chemical Analysis.

Fe <sub>3</sub> O <sub>4</sub>	:	89 – 92%
Fe <sub>2</sub> O <sub>3</sub>	:	1 – 2%
Fe (Metallic)	:	0.2%
C	:	0.1%
SiO <sub>2</sub>	:	0.5%

### Physical Properties.

Specific Gravity	:	4.6 (approx.) g/cm <sup>3</sup>
Apparent Density	:	0.7 (approx) g/cm <sup>3</sup>

### Particle Size.

% below 40µm ( 350's mesh sieve)	:	90% +
-------------------------------------	---	-------

### Uses.

As a pigment in glazes and body stains. In glazes at 4-8% it gives darker shades than the Red Iron oxides.