

Technical Data Sheet

Iron Oxide Granules

Product ID: 260800GN001 - 260800GN004

Formula: Fe_2O_3

Molecular weight: 159.69 g/mol

CAS No.: 1309-37-1

EINECS No.: 215-168-2

Color: Red-brown

Description: Our Iron Oxide Granules are available in 99.9% and 99.99% purities, with customizable sizes. They offer high purity, excellent chemical stability, and for various industrial applications.

Application: Pigments and coatings, ferrite and magnetic materials, ceramics and glass manufacturing, catalysts, and metallurgical and electronic material applications.

Product

Image:



1. Sizes

Product ID	Formula	Size
260800GN001	Fe_2O_3 (99.9%)	1 mm - 3 mm
260800GN002	Fe_2O_3 (99.9%)	3 mm - 6 mm
260800GN003	Fe_2O_3 (99.99%)	1 mm - 3 mm
260800GN004	Fe_2O_3 (99.99%)	3 mm - 6 mm
260800GN3NDZ	Fe_2O_3 (99.9%)	Customized
260800GN4NDZ	Fe_2O_3 (99.99%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)					
	Si	Na	Zn	Mg	Ni	Al
99.9%	≤ 150	≤ 50	≤ 200	≤ 100	≤ 80	≤ 150
99.99%	≤ 20	≤ 5	≤ 20	≤ 10	≤ 5	≤ 5

Note: The purity values shown are calculated by subtracting the sum of selected measured elemental impurities from 100%. These values do not represent the result of a full elemental analysis.

3. Packaging

Bottled/Bag.

Double vacuum packed.

Custom packaging is available.

4. Period of Validity

It is recommended to use this product within 12 months. If it is overdue, the product quality status should be re-evaluated.

5. Handling and Storage

Handle in a well-ventilated area and avoid generating dust; wear appropriate personal protective equipment during use.

Store in a tightly sealed container in a cool, dry, and well-ventilated place, away from moisture and incompatible substances.

Contact Us

Website: www.vimaterial.de

Email: info@vimaterial.de

Tel: 0049 1626484175

Add: Begener Straße 14., 30625 Hannover, Niedersachsen, Germany.