



Product No.: YTF-03

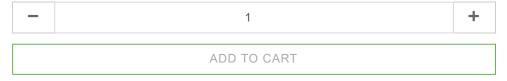
Shippingtime: aca. 3-4 days (abroad may vary)

Stock: 21 pieces
Weight: 1 kg per piece

This product is not for sale for people under 18 years!

26.24 USD

incl. 19% tax excl. Shipping costs





RATENZAHLUNG Powered by PayPal

Financing available from 99 EUR to 5000 EUR cart value



Description

We offer high quality carbonyl iron powder This is the world-famous ultra-fine powder

Screen size distribution: D90 3.86µm / D50 2.29µm / D10 1.3µm

Density: 3.7 g / cm3

Analysis: Carbon 0.86% / oxygen 0.27% / iron residue

Perfect for 3D printing

Carbonyl iron is a high purity iron produced by the decomposition of purified iron pentacarbonyl

Carbonyl iron is a gray powder of spherical microparticles

In the electronics, carbonyl iron is used to produce magnetic cores for high-frequency coils

Carbonyl-made spherical particles are used as components of radar-absorbing materials in military vehicles, specifically camouflage vehicles

Other applications are powder metallurgy, metal injection moldings and various special products In pharmacy, carbonyl iron powder is used to treat iron deficiency and as an iron supplement Carbonyl iron (20-40%) suspended in a carrier liquid is used as a magnetorheological fluid

SAFETY:

Signal word: Warning Toxic

CAS No. 7439-89-6 Iron / 7440-44-0 Carbon / 7782-44-7 Oxygen / 7727-37-9 Nitrogen

Please note:

Harmful if swallowed

Dust or sweat can cause eye irritation

Dust or sweat can cause irritation

Dust or sweat can cause irritation to the respiratory tract, as well as dizziness, nausea or irritation of the nose and throat May be harmful if swallowed

Flammability: Non-flammable

Wear self-contained respiratory protection and protective clothing. Water spray can be used for cooling

Hazardous decomposition products under fire conditions

Disposal method: Used or unused material should be disposed according to local regulations

Keep away from heat, sparks and open flame Do not cut, weld, heat, drill or pressurize Store in a cool, dry, well-ventilated place

Safety glasses, protective gloves and laboratory coats, use eye protection

Flammability: Non-flammable

Water solubility: Slightly soluble in water

The carbonyl iron powder is not classified as a dangerous good

Customers who bought this product bought also the following products:



Copperpowder Flaky 250g (65,-€ / 1kg)



Bronze powder tin bronze 45µm 250g (60,-€...

18.62 USD 74.48 USD per 1 kilogram **17.19 USD** 68.76 USD per 1 kilogram