

**Melting Point**

1453°C

Boiling Point

2732°C

Density8.9 g/cm³**Appearance**

Nickel is silver in color.

Other Physical Properties

Nickel is magnetic, hard, malleable, and ductile. It conducts electricity.

Chemical Properties

Nickel is not very reactive. It reacts very slowly with the oxygen in air at room temperature, and it reacts very slowly with hydrochloric acid.

Compounds

Compounds of nickel are green in color.

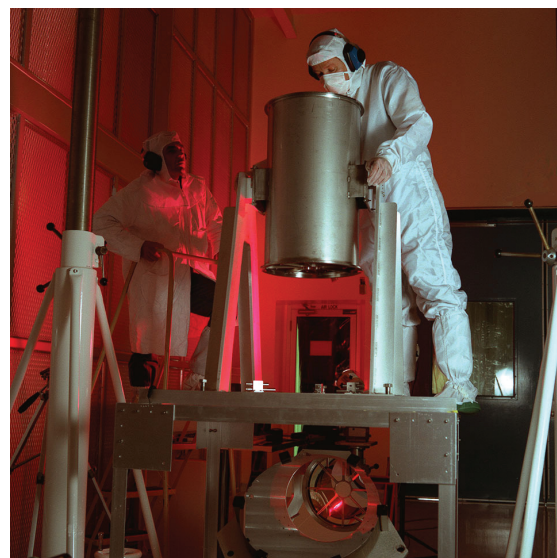
Uses

Nickel is used in coins (because it remains shiny) and in strong magnets (as an alloy with other metals). Nickel compounds are used to color glass green.

Notes

U.S. NICKELS ARE IN FACT ONLY 25 PERCENT NICKEL. UNLIKE PURE NICKEL, THE COPPER AND NICKEL ALLOY FROM WHICH NICKELS ARE MADE IS NONMAGNETIC.

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NICKEL IS USED EXTENSIVELY TO FRAME MIRRORS FOR "X-RAY ASTRONOMY," THE STUDY OF X-RAYS EMITTED FROM OBJECTS IN SPACE.

PHOTO: NASA Marshall Space Flight Center