

# COPPER

## Features

- **Soft, doughy, malleable and ductile**
- **Very high capacity to conduct l'elettricità e il calore**
- **Highly resistant to corrosion thanks to the protection of the surface patina that oxidises to become first brown and then green or blue-green**
- **Pinkish or reddish colour**

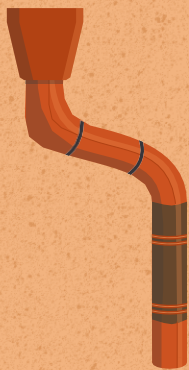
## Where

- **Copper is mostly found within of minerals, very rarely in the native state in the form of nuggets**
- **The minerals with which it is most often associated are: pyrite, malachite, bornite, azurite**
- **Ore deposits containing copper are found in Chile, in Peru, in China, the Congo and the US**
- **Italy is not a copper-rich country but in the past it had medium-sized and small mines in all regions**

## Uses



**ELECTRICAL CONDUCTION**  
Wires, coils



**ARCHITECTURE**  
Roofs and roofing, gutters, downpipes



**PLUMBING**  
Water and gas pipes, solar panels, radiant panels



**COIN**  
The 10, 20 and 50 cents and 1 and 2 euro coins are made of copper alloy, while the 1, 2 and 5 cents are copper-plated steel on the outside



**AGRICULTURE**  
Antiparasitic, anti-fungal