

9 Fast Facts About Tin

Atomic Number **50**

Tin is one of the earliest metals known and used; found in implements from as early as 3500 BC.

The origin of the symbol Sn comes from the Latin word "stannum" meaning "tin"

Most tin is used as a protective coating or as an alloy with other metals such as lead or zinc. Can be found in

- Bells, Metal Cans
- Solder for pipes or circuits
- Glassmaking

Mixed with copper it gives the alloy bronze.

Tin is never found as the free element. The most important tin ore is cassiterite (tin oxide, SnO₂), pictured here..

Malleable, somewhat ductile

When tin is cooled below 13.2°C, it changes slowly from white to grey.

Highly crystalline structure causes a "tin cry" to be heard when a bar is bent.



25.27	28.48
Sn	
Tin 50	
3.44	3.66

Note: numbers at the corners of the symbol box represent energy values

References:
www.webelements.com/tin
www.usgs.gov

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