The Academy Award’s Oscar statuette is made primarily of tin. The figure, a stylised knight holding a crusader’s sword and standing on a film reel, is made of Britannia metal (93% tin, 5% antimony, 2% copper) and plated with 24 carat gold.

Properties

- Discovered: ≈2100 BC
- Melting point: 231.9°C
- Density: 7.287 g/cm³
- Conductivity: High
- Malleability: High

Australia’s resource

- 10% Share of world tin resources in 2016
- 7,292 t Australia’s production of tin in 2016-17
- 4th Largest share of world tin resources in 2016
- 2.4% Australia’s share of world tin production in 2017

Economic contribution

- 6,932 t Export volume of Australian tin in 2016-17
- $158 m Value of Australia’s tin exports in 2016-17

More than 85 per cent of Australia’s economic tin resources are located at the Renison Bell deposit in Tasmania.

Tin at work

- Magnet
- Pewter
- Tin can
- Solder
- Mobile phones
- Dye

DID YOU KNOW?

- Sources: Geoscience Australia; USGS; Department of Industry, Innovation and Science; ABS

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