

PINCHBECK

- Pinchbeck (also known as "false gold") is a alloy of copper that looks like gold. Pinchbeck was invented by the British watchmaker Christopher Pinchbeck (1672-1732) in the early 18th century. Pinchbeck consists of 83% copper and 17% zinc. Ironically, there have been many imitations of Pinchbeck (which itself is an imitation).

Pinchbeck (Cont...)

- Adj. 1. pinchbeck - serving as an imitation or substitute; "pinchbeck heroism"
- counterfeit, imitative - not genuine; imitating something superior; "counterfeit emotion"; "counterfeit money"; "counterfeit works of art"; "a counterfeit prince"

Platinum



- Platinum is a dense hard silvery metallic element.
- Atomic Number: 78, Atomic Weight: 195.08
- Specific Gravity: 21.45
- Melting Point: 1768.90 °C (very high)
- Hardness (Moh) 4.3

Platinum (Cont...)

- Sold by “Fineness” out of 1000 parts
- Occurs as nuggets of relatively pure metal
- Is very resistant to chemical attack, just like gold you must use Aqua Regia to dissolve it
- Platinum ring allergies are rarer than white gold, but are reported occasionally.

- § 23.7 Misuse of the words "platinum," "iridium," "palladium," "ruthenium," "rhodium," and "osmium."
- (a) It is unfair or deceptive to use the words "platinum," "iridium," "palladium," "ruthenium," "rhodium," and "osmium," or any abbreviation to mark or describe all or part of an industry product if such marking or description misrepresents the product's true composition. The Platinum Group Metals (PGM) are Platinum, Iridium, Palladium, Ruthenium, Rhodium, and Osmium.

- (b) The following ... may be misleading:
- (1) **Use of the word "Platinum" or any abbreviation**, without qualification, to describe all or part of an industry product that is not composed throughout of 950 parts per thousand (ppt) pure Platinum.
- (2) ... accompanied by a number indicating the parts per thousand of pure Platinum contained in the product without mention of the number of parts per thousand of other PGM contained in the product, to describe all or part of an industry product that is not composed throughout of at least 850 parts per thousand pure platinum, for example, "600Plat."
- (3) ... thereof, to mark or describe any product that is not composed throughout of at least 500 ppt pure Platinum.

Platinum Coins





Silver



Silver Certificates were authorized by a Congressional Acts on Feb. 28, 1878 and were halted by another Congressional Act on June 4, 1963

You could redeem this bill for silver



Silver Physical Properties

- Silver is a malleable silvery metallic element.
- Atomic Number: 47, Atomic Weight: 107.87
- Specific Gravity: 10.5
- Melting Point: 961.93 °C
- Hardness (Moh) 2.5-3

Silver (cont...)

- Most high quality silver items are stamped with a "fineness" or "quality" mark. This mark designates the precious metal content of the jewelry, and under federal law, must be accompanied by a maker's mark or registered trademark.
- 925 is Sterling Silver (92.5% pure fine silver) usually copper added as base metal

Silver (Cont...)

- Sterling silver is most often used for jewelry and household accessories because of its combination of beauty and durability.
- Quality marks for sterling silver include:
sterling
sterling silver
ster
.925

Hallmarks



Paul Revere's Ride, April 18, 1775

