

9 Fast Facts About Vanadium

Atomic
Number

23

The discovery of Vanadium happened "twice" – Andres Manuel del Rio (1803), Nils Gabriel Sefström (1831)

Named after "Vanadis" - goddess of beauty in Scandinavian mythology

Found in:

- Auto components (axles, crankshafts, gears)
- Aerospace (Jet engines)
- High-speed drilling

Indicator of gas potential in shale

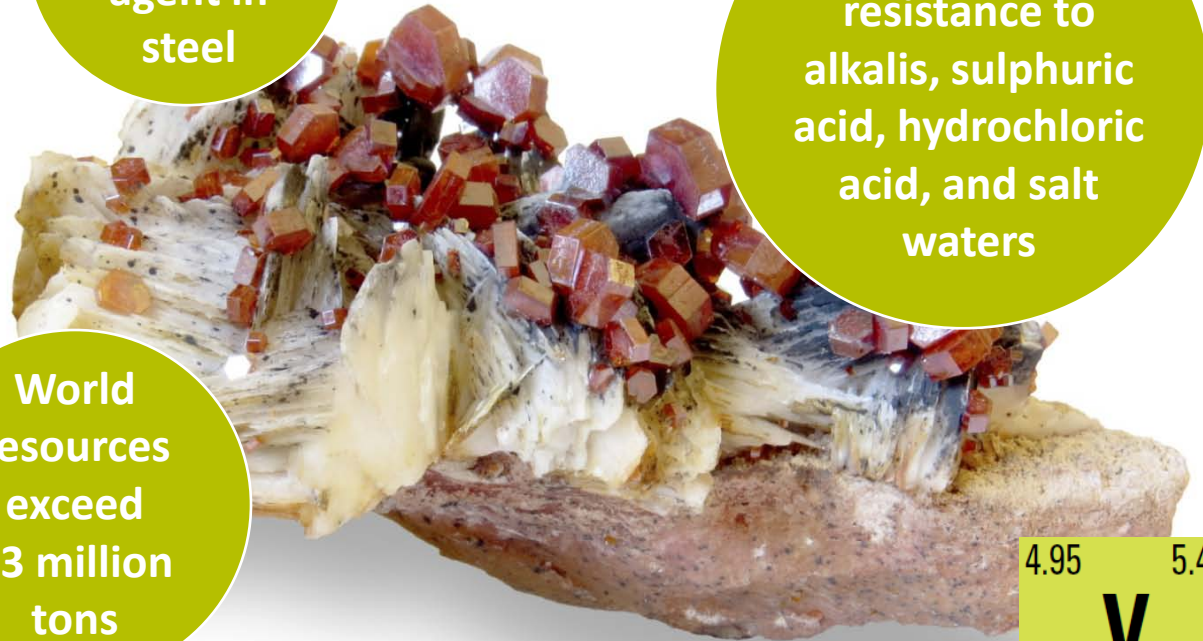
Used as a hardening agent in steel

Good corrosion resistance to alkalis, sulphuric acid, hydrochloric acid, and salt waters

World resources exceed 63 million tons

Pure Vanadium is a greyish silvery metal, and is soft and ductile. It's one of those elements that rarely forms its own mineral. Vanadinite (pictured) is one of the V minerals.

4.95	5.43
V	
Vanadium	
23	
0.51	0.52



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

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