

Vanadium

High Purity Metal

Characteristics

- ✓ Corrosion-resistant
- ✓ Good conductors of heat
- ✓ High reliability
- ✓ Low maintenance cost
- ✓ Good conductivity

Quick Facts

Molecular Formula	:	V
Molecular Weight	:	50.94 g/mol
Density	:	6.11g/cm ³
Melting Point	:	1917°C
Boiling Point	:	3380 °C
Thermal Conductivity	:	0.307W/(mK)
Electrical Resistivity	:	25.4μΩcm (at 20 °C)
Thermal Expansion	:	8.4μm/(mK) (at 25 °C)
Young's Modulus	:	128GPa
Specific Heat	:	0.116Cal/g/K @ 25 °C

Purity : 99.9%

Vanadium is a chemical element with the symbol V and atomic number 23. Vanadium isn't exactly what we think of when we speak of technology. But it's one of the world's most important metals, and is likely to become even more significant as renewable energies look to dominate the fossil fuel industry.

Benefits

- ✓ Used in nuclear power plants
- ✓ Several other purification processes
- ✓ Used in the purification of Uranium that is used for nuclear purposes.
- ✓ Useful to manufacture springs
- ✓ Used to make steel alloys in industries
- ✓ Use of vanadium is in the manufacture of batteries

High Purity
Vanadium
Available in:

Pieces | Rods | Shots | Chips | Pellets | Wires | Ingots | Bars | Granules



202ICE4589C



19ZAZG01274G



202ICE4588M

ISO 9001:2015
CERTIFIED COMPANY



23 **V**
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