



# Masterloy

Products Company

## Ferrovanadium

Ferrovanadium is an alloying agent used by producers of tool and high-strength steels to impart desirable properties such as high temperature, abrasion resistance and hardenability.

Vanadium additions promote fine grain size, increase hardenability and improve wear resistance through precipitation of carbides and nitrides.

### Specifications

Chemical Element	Minimum	Maximum	Typical
Vanadium	75%	85%	81.30%
Aluminium	0%	1.50%	1.37%
Silicon	0%	1.50%	0.30%
Phosphorus	0%	0.07%	0.04%
Sulphur	0%	0.06%	0.04%
Carbon	0%	0.13%	0.07%



### Services

Masterloy Products Company is the only producer of Ferrovanadium in Ontario, Canada

We are also Canada's only independent converter of Ferrovanadium. We will process customer supplied vanadium pentoxide into 80% Ferrovanadium. Masterloy's experience, dependability and modern laboratory ensure delivery of a consistent product each and every time.

### Sizing

- 2" x Down
- 1" x Down
- Other sizes available upon request

### Packaging

- Super Sacs: weights 1,000 to 4,000 lbs
- Steel Drums: weights up to 600 lbs
- Material packaged in small bags or cans based on customer requirements
- Other packaging is available upon request



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