

## Ferromolybdenum

Molybdenum is added to the general class of alloy steels to improve hardenability and toughness; to increase resistance to temper embrittlement, abrasion and corrosion; and to enhance hardness and strength, especially at elevated temperatures. These steels are used in all major segments of industry, including manufacturing of transportation equipment and vehicles, industrial machinery and tools, and equipment used in agriculture, mining, electrical power generation, food and chemical processing as well as oil and gas production.

### Specifications

Chemical Element	Minimum	Maximum	Typical
Molybdenum	68%	76%	72.10%
Silicon	0%	1.50%	0.90%
Phosphorus	0%	0.05%	0.03%
Sulphur	0%	0.15%	0.09%
Carbon	0%	0.10%	0.05%
Copper	0%	0.50%	0.20%



### Services

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

We are also Canada's only independent converter of Ferromolybdenum. We will process customer supplied molybdenum oxide into 70% Ferromolybdenum. 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

