

Manganese

High Purity Metal

Characteristics

- ✓ Corrosion-resistant
- ✓ Malleability
- ✓ Highly hard and rough
- ✓ Good conductivity
- ✓ Resistant in pressure
- ✓ Great toughness and wear resistance

Quick Facts

Molecular Formula	:	Mn
Molecular Weight	:	54.94 g/mol
Density	:	7.21g/cm ³
Melting Point	:	1244 °C
Boiling Point	:	1962°C
Thermal Conductivity	:	0.0781W/(cmK)
Electrical Resistivity	:	185.0 μΩcm (at 25 °C)
Thermal Expansion	:	21.7 μm·m ⁻¹ ·K ⁻¹
Young's Modulus	:	198GPa
Specific Heat	:	0.114 Cal/g/K @ 25 °C

Purity : 99.9%

Manganese is a chemical element with the symbol Mn and atomic number 25. Manganese is used in many steel alloys and aluminum alloys to improve strength, malleability and corrosion resistance. It is not found as a free element in nature; it is often found in minerals in combination with iron. Manganese is a metal with important industrial metal alloy uses, particularly in stainless steels.

Benefits

- ✓ Used as a Steel making
- ✓ Used as a depolarizer in dry-cell batteries
- ✓ Gyratory crushers
- ✓ Jaw-crusher plates
- ✓ Railway points and crossover components.

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Available in:

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



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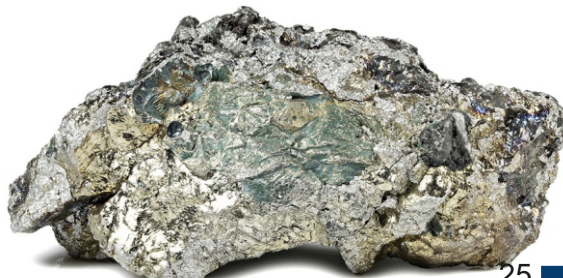


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ISO 9001:2015
CERTIFIED COMPANY



25
Mn
54.938

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