

MOLYBDENUM METAL PELLETS

DESCRIPTION



Molybdenum Metal Pellets

Climax's molybdenum metal pellets are ideal in the manufacture of specialty steels where alloy consistency and control of elemental impurities are critical.

The exceptionally low oxygen and carbon content of Climax's molybdenum metal pellets meet the most stringent requirements for vacuum melting operations. In addition, robust physical integrity of the pellets and limited amount of fine particles assures high process yield.

Molybdenum metal pellets are supplied as rounded briquettes, approximately 1" x 3/4 x 5/8 and weigh nominally 30 g each to allow for ease-of-handling when charging steel melts.

CHEMICAL PROPERTIES

	MP VMG	MP AMG
Purity: Molybdenum (Mo)*	99% min	99% min
Element	Maximum (ppm)	Maximum (ppm)
Oxygen (O)	500	1500
Nitrogen (N)	100	500
Carbon (C)	100	300
Tungsten (W)	250	250
Iron (Fe)	200	200
Nickel (Ni)	200	200
Chrome (Cr)	200	200
Silicon (Si)	200	200

*Purity determined by subtraction, excluding gases

PHYSICAL PROPERTIES

Pellets are pressed molybdenum metal powder and sintered to provide mechanical integrity.

STANDARD PACKAGING

~ 20kg steel pail
> 100kg steel drum

MSDS REQUIREMENTS

A copy of the material safety data sheet (MSDS) is available upon request.

PDS MP REV02